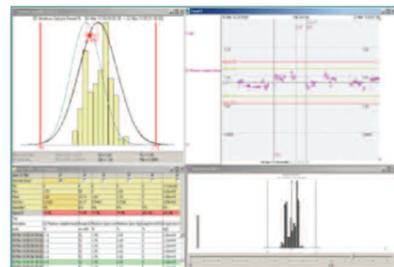
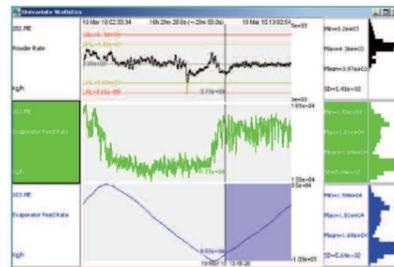


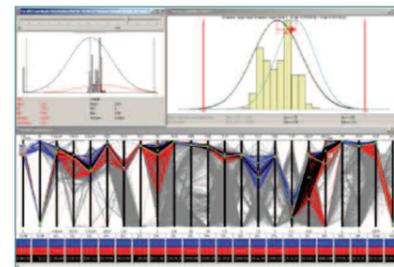
CAPTURE



ANALYSE



TUNE / REGULATE / UNDERSTAND



OPTIMISE



CONTINUOUS IMPROVEMENT



- Is your process efficiency good?
- Are you happy with your OEE?
- Are your production targets being met?
- Are your maintenance costs within budget?

Or

- Is your operation World Class?

If so, congratulations. Please recycle this document. If not, please read on, to discover how you can unlock your plant's full potential.

Your plant, your entitlement

Many factors need to align to deliver process excellence and process repeatability. But multiple factors constantly conspire to lower your OEE, upset your yield, increase your energy costs and push you off course.

The gap between process capability and process performance is a constant drain on resources – re-work costs, maintenance overheads, compromised efficiency, increased cost of goods sold, higher energy demand.

World Class manufacturers and processors have learned how to reveal the value hidden in their plants and how to close that gap. Robust classification of their processes enables optimal operation to be recreated, every time, truly optimising Return on Capital Employed.

New tools, new techniques, guaranteed results – go Beyond Six Sigma

If you're already engaged in continuous improvement programmes, you probably know the limits of current methodology. Your plant might have multiple 'sweet spots' for different configurations, products or even seasons. Variability in raw materials, plant configuration and even operator response make it difficult to benchmark, define and fully understand what your plant is doing.

World Class manufacturers understand that the answers lie within the mass of process information, quality results and operator logs that are already being collected.

The **Perceptive Audit™** helps you find what you're really looking for. Using powerful new tools and industry-proven techniques, your data can be quickly transformed into valuable knowledge.

- Continuous data from existing historians
- Discrete data from laboratory sampling
- Spectral data from PAT instrumentation
- Aperiodic data from operator logs

Rapid, seamless data fusion from multiple sources; captured, cleaned, analysed and exploited, to help develop actions that focus on your bottom line.



True Process Optimisation Starts Here

Perceptive Engineering Limited is a company dedicated to one thing – process improvement. Selected by blue-chip multinationals like Pfizer, Abbott, SCA and Xtrata, we work alongside internal teams to develop a comprehensive six-step roadmap to enhance asset capability.

We can be engaged on a consultancy basis, to deliver process insight when you don't have the resource available. Or we can train and equip your team in the latest techniques that add value to the plant.



Measurable Outcomes

The Perceptive Audit provides a detailed insight into critical areas of your process, from the capability of individual control loops, to the complex interactions of multiple variables, that are often the source of process upset.

Typical recommendations might include:

- Define a real-time KPI dashboard
- The additional measurements that would open a window into the process
- The changes in operating procedures that would yield the greatest impact
- The control loops that could be retuned for increased responsiveness
- The business case for capturing the lost opportunity

The cost of the Perceptive Audit is paid many times over by the fresh insight it brings.

To find out more, please our website
www.PerceptiveAPC.com/Audit
or email us at audit@PerceptiveAPC.com

