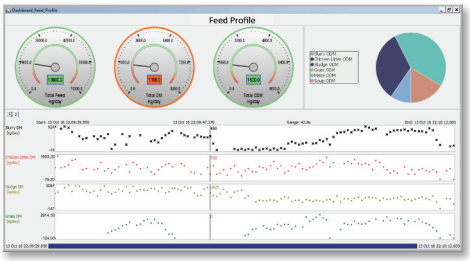
SOFTWARE AT THE LEADING EDGE

YOUR PROCESS, IMPROVED

PERCEPTIVE DASHBOARDS

PERCEPTIVE DASHBOARDS PROVIDE:

- A flexible, web based, easily customised environment to present Information
- Multiple configurable Objects, which include advanced statistical charts, interactive trends, and drill-down analytical tools
- Data Quality is highlighted to improve data integrity and reduce false information being acted upon.
- A comprehensive Statistical Process Control platform, easily customised to suit the operator and the QA manager.



PERCEPTIVE DASHBOARDS

The award-winning PerceptiveAPC Suite consists of tools to make sense of your data, identify opportunities for improvement, increase the operational performance of your process and provide intuitive "drill-down" capabilities for your operators.

Our continuous software development brings the very latest academic research into an industrially-robust environment, ready to deploy in an intuitive, easy-to-use package.

Interact with the dashboard to convey important information in a concise way. Automatically inform operators that a problem is escalating using a combination of instantaneous readings combined with statistical tests to reveal the onset of problems. Create comparisons between different products, Operational Modes and Shifts to investigate ways to improve the performance of the process.

PERCEPTIVE ENGINEERING LTD

www.perceptiveapc.com/dashboards

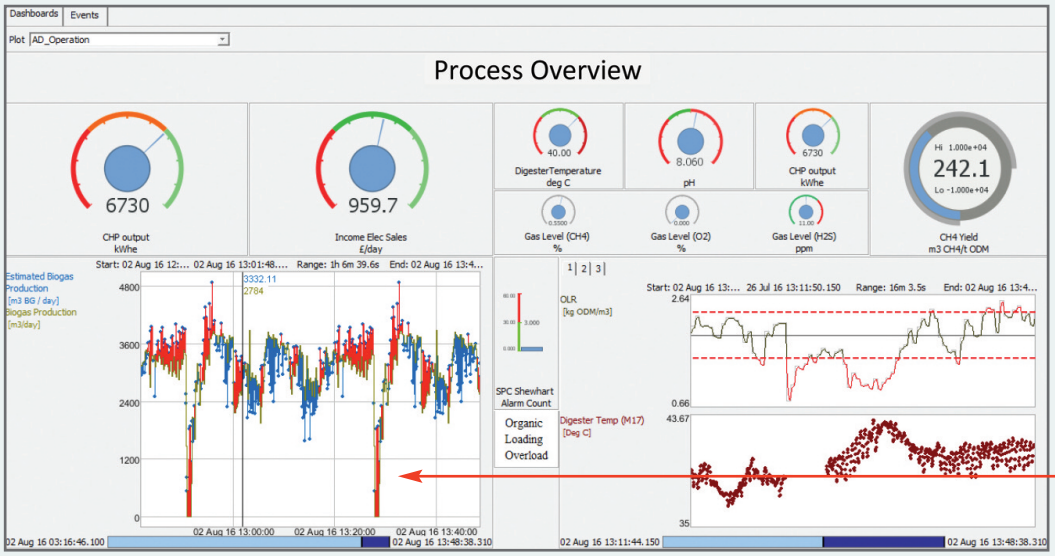
SOFTWARE AT THE LEADING EDGE

PERCEPTIVE DASHBOARDS

PERCEPTIVE DASHBOARDS

This module links to the PerceptiveAPC software platform to offer a comprehensive visualisation of data retrievable from either SQL databases or industrial historians. BUT this is much more than a powerful data visualisation tool; each object links to other modules within the software platform to create a drill down capability more powerful that regular Dashboards.

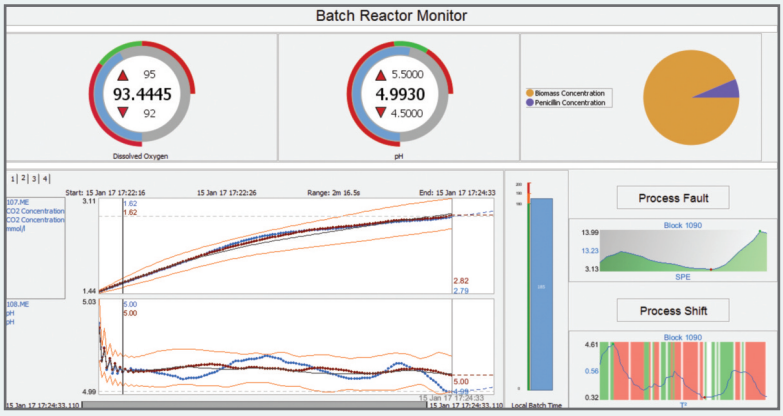
The user can create "Events" linked to the dashboard which can be viewed directly on the interactive Events Manager. So, for example, the user may wish to set an Event when Shift A is processing Product B and Energy consumption is higher than normal. Each time this Event occurs the live trend changes colour from blue to red as shown in the figure below.



The user can create a versatile Statistical Process Control system to inspect Product Quality at all stages of the production process. The statistical tools available monitor independent samples, grouped data, and automatically generate the most common statistical metrics used in industry. Additional statistical tests can be created by the user through the Python programming language and incorporated into the core software if required.

DASHBOARD CREATION

Dashboard are created simply by dragging the object from the explorer tree onto the Dashboard frame, re-sizing, and saving. As dashboards are created they become available in the drop down Dashboard list.



PERCEPTIVE DASHBOARDS

Perceptive Engineering Limited
Vanguard House, Daresbury Science and Innovation Campus,
Keckwick Lane, Daresbury, Cheshire WA4 4AB, UK.
t. +44 (0)1925 607150 **e.** water@perceptiveapc.com
f. +44 (0)1925 607161 **w.** www.perceptiveapc.com/dashboards