

What We Do

We use your data and our software to develop models of how your process could and should operate. These models allow us to predict future process behaviour and predict the control moves required to maintain optimal performance. Advanced Automation or Advanced Process Control (APC) enables us to exploit the plant's true potential, under all conditions.

The benefits delivered by this technology are the same for any manufacturing industry: more reliable operation, less operator intervention, early warning of abnormal process behaviour, reduced process variability, lower chemical and energy consumption, lower risk of quality failure, less off-spec production, increased efficiency of existing assets.

What We Deliver

The Perceptive monitoring, control and optimisation software runs on a Windows™ platform, either within a remote server or on a desktop PC in the plant control room. Industry-standard interfacing allows our system to communicate with yours, sharing the data and information needed to enhance your plant.

Perceptive's APC is a supervisory control layer above your existing SCADA/PLC. Your operators still interact with the plant in the same way they always have. But when the Perceptive system is selected, it acts as an 'auto-pilot', automatically determining and writing the multiple control moves required to optimise the plant.

The Advanced Controller is fully configurable by the operator. Data used by the controller is validated and errors are highlighted to the operators for action. Inferred values are determined and used where necessary, to ensure optimal operation can be maintained for as long as possible, even when critical data is lost.

