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NAPCON Optimizer – Economics driven Dynamic Real-Time Optimization

NAPCON Optimizer is a state-of-the art, and above, economics driven Dynamic Real-Time Optimization solution software which takes on-line benefit maximization to elevated levels by unique technological solutions. As for APC, the investment cost is low and no shut-down is needed for implementation.

There is no such thing as steady-state. A fact recognized by many process plant operators and which makes obsolete those optimization calculations which are based on allowing no variations. NAPCON Optimizer just doesn't care – it keeps optimizing throughout even major process variations and issues optimal commands to underlying automation layers (APC, automation system) with high frequency.

NAPCON Optimizer is based on APC technology and therefore inherits all the good and field-proven properties of it such as adaptivity, scalability and wide area of applications and of course the ability to operate with high frequency.

Benefits

- **Maximizing profit,** clear economic target setting takes into account product prices, raw material cost and utility costs.
- **Plant Wide Optimum,** obtain best results by looking at the whole process complex instead of sub-optimization in process units.
- **Additional Profit Generation,** by coordinating your possibly existing advanced process controls in process unit.
- **Dynamic,** real-time optimization continuously maximizes profit in minute level interval even in varying (non-steady-state) process conditions.
- **Continuous improvement,** a tool for finding and indicating process bottle necks requiring separate actions in order to increase capacity.

Key Features

- **Early start, early cash flow,** we implement the most beneficial part of the delivery scope on a fast track.
- **Comprehensive Approach,** wide knowledge of process technology, equipment, process control, instrumentation and online analyzers.
- **Vendor Independent,** can be built on top of existing APC from any vendor.
- **Steady state,** is not a requirement thanks to Dynamic Real-Time Optimization enabling a compact implementation.

EXCELLENCE IN ENGINEERING

NESTE JACOBS