

Interactive Optimization™

*“Interactive Optimization™
uses today’s most advanced
technology and algorithms
to monitor every aspect of
your central plant...”*



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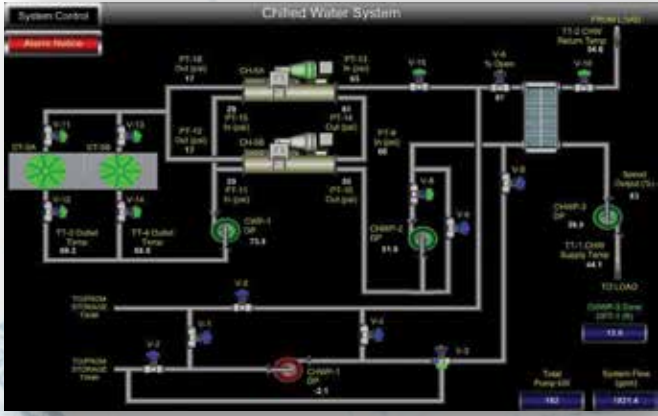
Systecon[®] Inc.

Modular HVAC Systems

Interactive Optimization™

Total Performance Control

Systecon's central plant controls use today's most advanced technology to monitor every aspect of your central plant using a simplistic, user-friendly interface. This optimizes plant operation with interfaces to chillers, boilers, cooling towers, and pumps to operate at its most efficient point.



How Our System Maintains Efficiency

The combination of the latest PLC technology and proven control algorithms provides total system control and unparalleled efficiency.



One of our most proven techniques is Wire-to-Water Efficiency (WWE), which evaluates the inefficiencies of pumps, motors and drives in a dynamic pumping system. Interactive Optimization applies this concept to additional components including chillers, cooling towers, integrated economizers and critical zone pressure control. Our goal is to minimize power consumption without compromising performance.

Utilizing a PLC with BACnet interface allows Interactive Optimization to openly communicate with any BAS system and offers fast system input response, system inputs are read twice per second to react to changing load conditions, thus eliminating control hunting.

Our HMI lets operators instantly view and adjust the central plant's controls. Unlike competitors, our HMI allows for easy viewing of the processing internal to the PLC. Additionally, the HMI allows

for the viewing of training videos, operation and maintenance manuals specific to the project.

Our controls are UL, ETL, and OSHPD listed, and only premium

instrumentation is used, including platinum RTD temperature transmitters, temperature compensating differential pressure transmitters, and dual-turbine or magnetic flow meters.

Globally, Systecon has installed over 3,000 systems, and was the first manufacturer of Modular Central Plants. Today, we're the only Modular Plant manufacturer to offer chiller plant optimization. With failure rates less than 1 per 100,000 hours of operation, Systecon offers unmatched reliability for efficient central plant operation.

