



True Optimization® Starts Here.



# OptimumEDGE™

OptimumEDGE is a patented, turnkey software solution which significantly reduces energy costs in water-cooled chilled water systems with up to 3 chillers and a combined cooling capacity of between 400 and 3,000 tons.

## Proven Performance, Reliable & Safe Operation

OptimumEDGE is based on algorithms used safely in our patented, flagship product, OptimumLOOP™ to reduce energy consumption by an average of 15-20%.

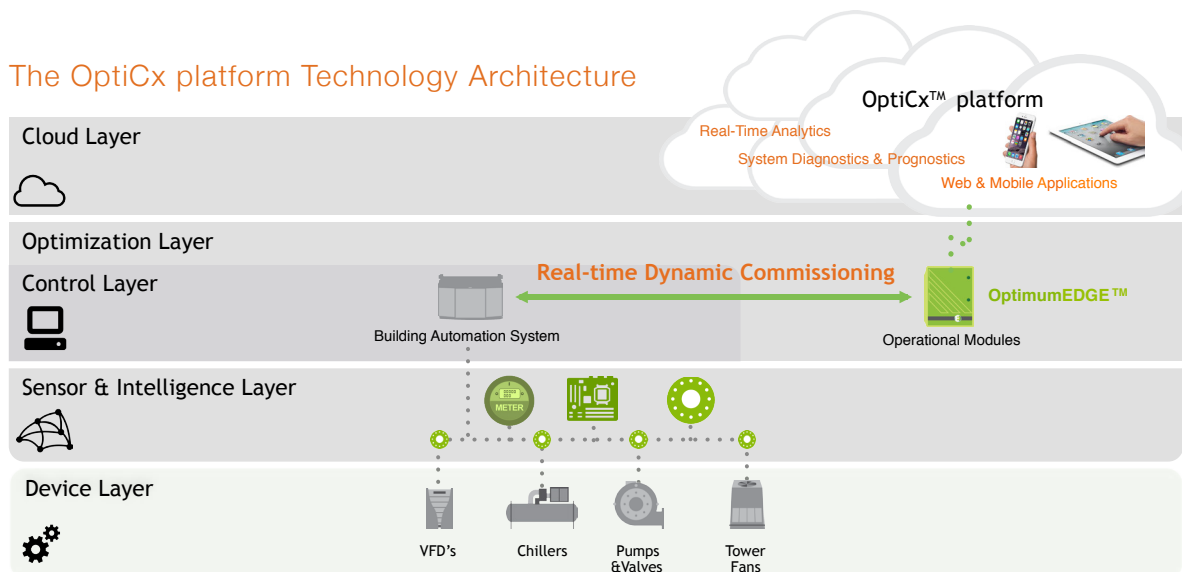
Real time closed loop optimization is achieved following the Equal Marginal Performance Principle by managing any and all of the following control points:

- Primary chilled water pump speed
- Chilled water differential pressure set point
- Condenser water pump speed
- Cooling tower fan speed
- Chilled water set point

## OptimumEDGE Benefits:

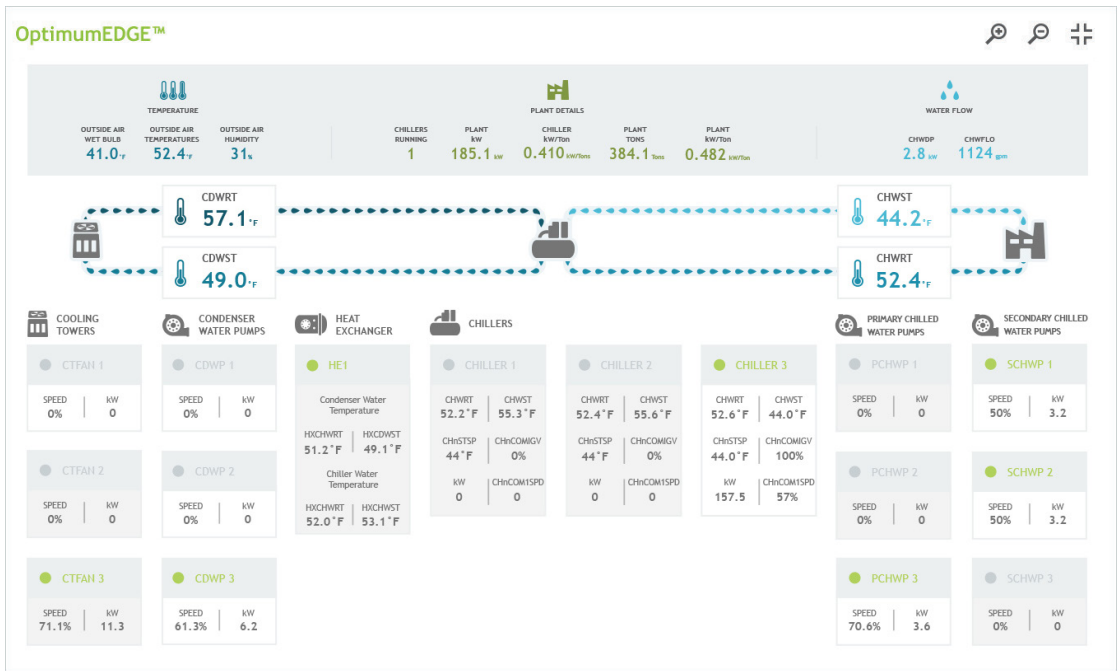
- NEW setup wizard allows for fast and easy implementation
- Built on the Niagara 4 framework and runs on a JACE® 8000 controller for optimal security and performance
- Sold and installed by authorized controls integrators
- Lowers energy costs and improves operational efficiency
- Data delivered to the secure OptiCx™ cloud-hosted platform, reports can be viewed anytime, anywhere
- OptiCx API supports 3rd party dashboards

## The OptiCx platform Technology Architecture



Financial Results and Operational Excellence

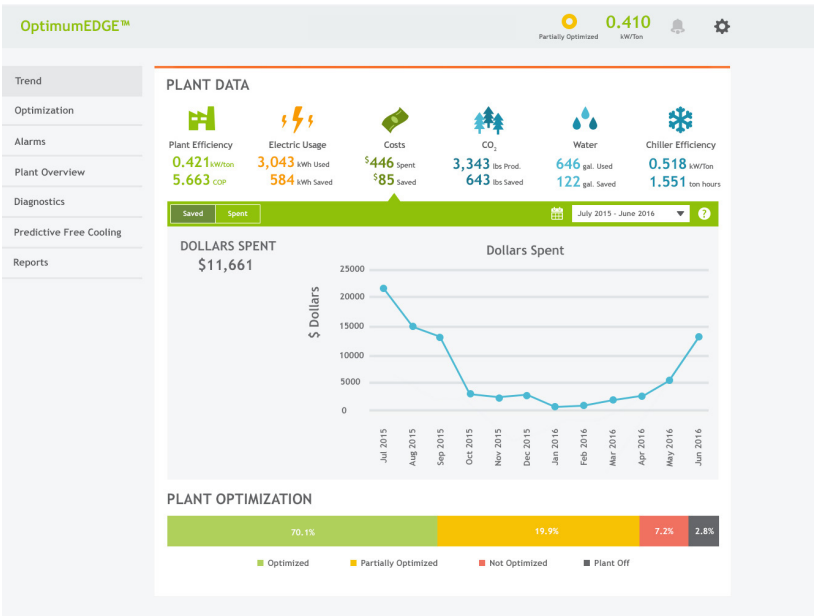
OptimumEDGE™ provides significant energy savings and improves operational efficiency. Sold and installed by authorized controls integrators, it uses BACnet® or Modbus protocols to interface with any BAS or PLC.



OptiCx Plant Overview

Actionable Insights Plus Measurement & Verification at Your Fingertips

OptimumEDGE delivers data to the secure OptiCx™ cloud-hosted platform which you can access anytime, anywhere using your mobile phone or web browser. The intuitive dashboard provides real time, chiller plant performance monitoring, trending, data rationalization and alarms from hundreds of data points which are continuously trended.



OptiCx Plant Trend

ABOUT OPTIMUM ENERGY

Optimum Energy software helps customers reduce energy use in heating and cooling systems, which are the largest consumer of energy in buildings. Our software is being utilized in hospitals, data centers, universities and commercial office buildings. Energy savings and lighter carbon footprints in commercial buildings are becoming increasingly important to the bottom line of corporations.

To request additional information about OptimumEDGE or to inquire about becoming an Optimum Energy Authorized Integrator, contact [info@optimumenergyco.com](mailto:info@optimumenergyco.com) or call (888) 211-0918 and choose option 4.