

Digital Steam PRV Upgrade for a Major NYC Hospital.

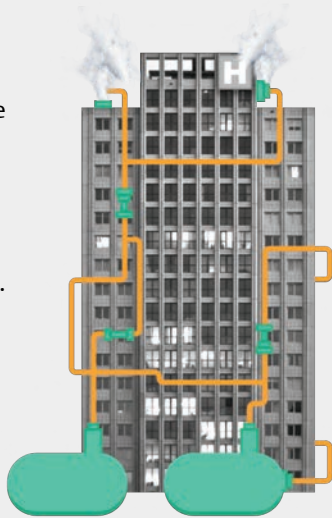
Engineering, Installation, & Project Management Solution Delivered.

Hospital Looks to Modernize Controls on Their Critical Steam System

Hospitals in NYC use a tremendous amount of energy to provide patients with world-class health care. High pressure steam is either purchased from Con Edison or generated by the hospital's own steam boiler plant. In either case, the steam is greater than 125 psi and therefore, must be reduced for medium and low-pressure applications.

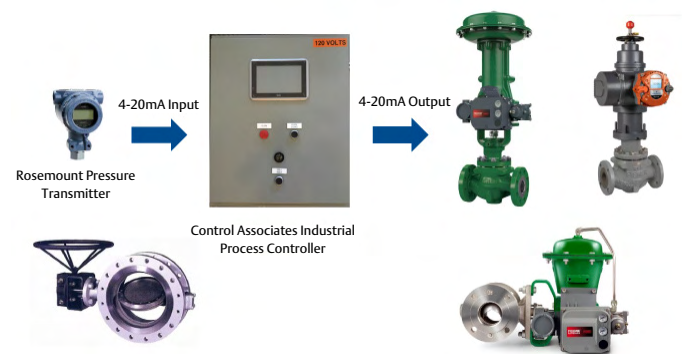
This customer runs and operates the largest campus boiler plant in Metropolitan NYC with generating capacity up to 300,000 pounds/hour of steam. They had been operating and maintaining legacy pneumatic controls on their steam pressure reducing valve stations (PRV) throughout the campus. These devices were becoming unreliable, hard to get, and gave them zero visibility to their valves, setpoints, and alarms on their control system.

While Control Associates regularly supports its customers' legacy systems, this hospital asked us to upgrade their systems with our Digital Steam Solution.



Like Putting a VFD on Your Legacy Steam PRV

Our Digital Steam Solution allows customers to seasonally adjust setpoints locally or remotely (via Modbus or BACnet) which can translate to an immediate ROI by using less energy during times of low demand. Traditional steam controls can be complicated and dangerous to adjust; our Digital Steam Solution allows users to make adjustments and troubleshoot—all from an easy-to-read LCD touchscreen.



Single Order Turnkey Solution, Utilizing Industry-Leading Suppliers and Contractors

One of the challenges of updating systems in commercial properties, hospitals, and universities in the New York Metropolitan area is the high cost of project development and the complexity of coordinating with multiple trades. By streamlining the process with a turnkey solution from Control Associates, customers can upgrade to a state-of-the-art, engineered, reliable system for about 50% of the price and execute the project in half the time.

Proven Results

50%
Cost

Project Savings

50%
Time

Savings

Single
Order

Turnkey Solution