

# Triplex Booster Pump Upgrade Combines Tight Footprint With Wide-Area Remote Monitoring



The Corporate One building, part of Enterprise Corporate Park in Shelton, CT, owned by R.D. Scinto, Inc., recently installed an Aqua~FloPac® Booster Plumbing Package from Patterson Pump Company to serve the top five floors and rooftop cooling tower with domestic water. Engineer John Cox selected the latest Aqua~FloPac package for its compact footprint and ease of installation, variable frequency drives (VFDs), CloudStat® Remote Status Monitoring and the qualified applications engineering offered by the Patterson field team.

The CloudStat system enables HVAC Manager Rob Reinwald to see what the pump package is doing from his office in Corporate Two. From its cellular link to a remote service bureau, the CloudStat system sends operating data and history to Reinwald over the internet. "The CloudStat allows me to view operating conditions of the pump package from anywhere on the planet," he says. "I can also handle and manage alarms through text or emails sent by the system."

**ARTFUL SAVINGS WITH RAPID PAYBACK**  
Aqua~FloPac required at least 10% less electric power, reducing power charges by more than 5%, amounting to a payback of less than a year. The project team attributes the savings to the smaller horsepower motors, the variable frequency drives, the more effective penthouse pressure accumulator and the finely field-tuned package control system.

Rob Reinwald of R.D. Scinto, Inc. (left) and John Cox, P.E., LEED AP, of EMCOR Services / New England Mechanical Services.

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