

# Digi-CRAC Reduced CRAC Energy 34%

## Small Data Center Applications



### Data Center Information

- 2500 ft<sup>2</sup>

### HVAC System Information

- Three 20-ton DX Liebert Units
- One 30-ton DX Liebert Unit

### Project Timeline

- Started 9/19/2018
- Completed 9/22/2018

### Energy Efficiency Measures

- Installed the Digi-CRAC Optimizer on each Liebert Air Conditioning Unit.
- Implemented Bes-Tech Digi-CRAC Control Technology.

### Results

- Reduced Liebert unit energy consumption by **34%**, an energy savings of 13% for the entire data center.
- Annual electricity savings of 132,432 kWh/year, with an annual utility cost savings of \$12,000/year (\$4.80/ft<sup>2</sup> per year or \$133/ton per year of Liebert Unit capacity).
- Reduced summer peak demand by 24 kW.
- Improved space thermal conditions and system reliability.

