

The Center

Tulsa, Oklahoma

The Center For Individuals with Physical Challenges is dedicated to providing rehabilitative and recreational activities for persons with mobility, dexterity, or sensory disabilities. In 2005, The Center built a 35,000 square-foot state-of-the-art facility to accommodate their growing needs and they now serve approximately 1,000 members.



CHALLENGE

- For ten years The Center struggled to maintain consistent temperatures throughout the building - a feature vital to the health of many of their members.
- Separate vendors serviced the HVAC equipment and monitored the building controls, making it difficult to identify the cause of building comfort issues.
- Controls vendor lacked ability to create occupied/unoccupied setpoints or alter temperature as needed throughout the day, resulting in excess energy consumption.
- The Center wanted to increase building efficiency and improve daily comfort.



SOLUTION

- Trane took over as the equipment service and controls provider, acting as a single point of contact, ensuring accountability.
- Trane Tracer™ SC building automation system installed and connected to existing building equipment.
- Designed custom graphics and dashboards and provided thorough training to ensure a positive user experience with Tracer SC.
- Scheduled temperature setpoints based on building needs and operation to balance occupant comfort and improve efficiency.



RESULTS

- Significant improvements in overall building comfort have been felt. The members and staff are thrilled to now have reliable, comfortable spaces for their activities.
- The Center staff are able to monitor and adjust the temperature of any room in the building using the web-enabled Tracer SC.
- A 55% reduction in gas bills was realized in the first six months.
- “We never in a million years thought we would be where we are now, it is so much better. It’s like a 180 degree turnaround.”
- Lori Long, The Center Executive Director