

# Rock Creek USD 323

Westmoreland, Kansas

Rock Creek Unified School District (USD) 323, a mostly-rural district, covers 230 square miles and has two communities within its boundaries. The school district's over seventy full and part-time teachers are dedicated to educational excellence and to helping their 900 students become successful and responsible lifelong learners.



## CHALLENGE

- Outdated HVAC systems were inefficient and required increased service to keep them operating.
- Aging equipment had a negative effect on the learning environment. Steam radiators and window air-conditioning units were extremely loud, making it hard for students to hear their teachers.
- District wanted to reduce its energy consumption, combat rising maintenance costs, and improve the learning environment.



## SOLUTION

- High-efficiency HVAC system upgrades.
- Infrastructure upgrades including new windows, fluorescent lighting, and low flow plumbing fixtures.
- Tracer Summit building automation system installed allowing facility managers an online, enterprise-wide view and control over all their buildings and systems from any computer with internet access.
- Funded through participation in a statewide program which allows upgrades to be paid from capital outlay funds and energy savings.



## RESULTS

- Overall savings are expected to be approximately \$154,000 annually. This includes electricity, water, gas and operational savings.
- Classroom conditions improved - loud HVAC equipment replaced with quiet, energy efficient solutions.
- "We are pleased with the project. Communication and customer service were excellent, and satisfying our desires was a top priority for Trane."  
- Dr. Darrel Stufflebeam, Superintendent