

## Oak Grove R-VI School District Oak Grove, Missouri



## Customer Concerns

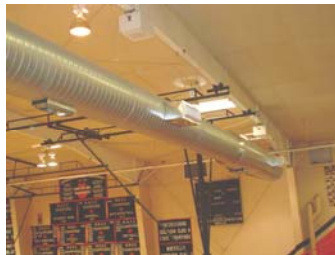
The District's initial concern was to provide air conditioning to the high school gymnasium. Upon review of the facilities and mechanical systems, CTS believed that opportunities existed to create higher quality classroom learning environments in all of the schools by improving temperature control. The existing mechanical systems required that several classrooms were controlled by one thermostat. This resulted in uncomfortable classrooms and less than ideal learning environments for the students. Also, lack of an automatic temperature setback system was resulting in excessive energy costs to the District. CTS was able to present a solution that would allow the District to make all of the needed improvements through Performance Contracting.

## Project Results



*"Our high school gym did not have air conditioning and the furnaces needed replacement. Many of our classrooms were uncomfortable since it was not possible to control their temperatures individually. We were wasting a great deal of money on heating and cooling since there was no way to automatically set back our temperatures after hours. The project with CTS has allowed us to correct all of those issues. We can now control all of our temperatures from one central location and we will see substantial energy savings. We view the work with CTS as a success and would recommend CTS to other districts."*

**Dr. James Haley, Superintendent**



## Project Overview

CTS developed a solution that allows the District to greatly improve the quality of the learning environments for students while substantially reducing energy consumption.

- The high school gymnasium was provided with the installation of a new mechanical system for heating and cooling.
- Individual classroom controls will allow for comfortable and healthy learning environments.
- Energy usage will be substantially reduced in all buildings with the installation of energy efficient temperature control upgrades and the building automation system.