



To: Elizabeth Graves

From: Terry V. Salyer Energy Manager Johnson, Lawrence and Paintsville Independent Schools

Re: Thermal-Image Camera

My name is Terry V. Salyer, Energy Manager for Johnson, Lawrence and Paintsville Ind. Schools Systems and I want to express my deepest thanks to MACED and their library sharing program of equipment.

Recently, in one of my School Districts our IT Department was having trouble with equipment performance due to fluctuation of temperatures the equipment was generating. Our central office servers were running extremely hot and we could not isolate the problem or know how to correct it. Additional IT equipment in some of the schools was running hot as well. We were faced with a dilemma that could potentially cost the school district thousands of dollars due to equipment failure, replacement or costly repairs. Knowing that the school district did not have the proper equipment to analyze the situation, particularly temperature readings, I contacted MACED to borrow their thermal-image camera to help us out in this situation. MACED was eager to help and loaned us the proper equipment to analyze our situation.

The results were amazing. With the camera, we were able to isolate temperature readings and fluctuations and with a small investment in accessories, our IT department was able to save the school district thousands of dollars in potential equipment failure or repairs.

The story doesn't end there. The school district's maintenance department also utilized the camera to isolate potential hot spots in electrical circuit panels in some of the schools. They also were able check motor, bearings and fuse temperatures in a preventative maintenance application to isolate potential problems which they corrected. This also produced additional savings to the school district based on the corrective measures completed.

Thank you MACED for helping my school district save thousands of dollars by sharing your knowledge and equipment for my school district.