

Energy Control Inc. (ECI) is a New Mexico Company offering services for heating, ventilating and air conditioning (HVAC), Security, and Special Systems with emphasis on system integration and easy, energy-efficient operation.

***ECI's goals are:***

***Engineering technology-based and financially-driven solutions to improve efficiency and reduce operating costs while working to ensure a safe and secure learning environment.***

***Establish long term customer relationships based on sound investment & quality performance.***



*Capital High School*

**PROJECT HISTORY:** Santa Fe Public Schools contacted Energy Control to perform an assessment of the Capital High School intercom system. The school was built in 1987 and the existing intercom had limitations in its design as well as faulty operation creating discomfort for the school and surrounding community.

ECI analyzed the existing system deficiencies, and addressed staff comments to determine the best possible options for SFPS.



*Your next class starts in two minutes*

**SYSTEM SOLUTIONS:** ECI installed a new intercom system and evaluated the existing infrastructure to insure signal integrity for Capital High School. An feature which was of importance to the staff was announcement separation; allowing announcements to go out to the Juniors but not the Seniors or only to the East Hall. Previously, announcements went to the entire building (or those sections working) and loudly to the exterior of the building, causing complaints. The Intercom

system is automated to announce "two minutes till next class" without any requirements of staff and teachers; allowing teachers to prepare for their class instead of warning students in the halls. IP Solutions allow for integration to other building systems such as (HVAC) Heating, Ventilation and Air Conditioning, security systems, fire alarms, and communications. It is now possible to automate warnings to assist students and staff in case of an emergency.

## TECHNOLOGY SOLUTIONS

- System & Infrastructure Evaluation
- Internet Protocol (IP) Intercom
- In-sync Systems Networking
- Service & Support All Systems

## BENEFITS

- \$224,000 in Capital Improvements
- Improved Learning Environment
- Clear & Concise Communications
- Staff Training and Effectiveness



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*Using technology to improve the use of energy and create a better environment*