

BASiX Automation Integrators

Phillips Exeter Academy

Established in 1781, PEA is one of the oldest college preparatory schools in the country and has an international reputation for academic excellence. A good example of this is the Phelps Science Center. The Phelps Science Center, which opened in the fall of 2001, is a 75,000 square foot state-of-the-art facility that allows students to learn science by doing science. The four-story building features 22 classroom-labs equipped with Harkness tables and four common labs for interdisciplinary and independent student work. The design allows students to conduct research in a lab setting and then discuss the results around the Harkness table in dynamic classes focused on a direct experience of science. The facility also features a humpback whale skeleton, a tropical marine aquarium, a biology wet table, and a teaching garden with plant species native to New England.

The Phelps Science Center is truly a showcase of the power of Continuum. PEA has gone beyond the typical classroom design by making the building a learning tool. Aside from performing environmental control in classrooms and laboratories the Continuum system is designed to allow the students a window into the workings of a building. BASiX set up special Web pages using the Continuum Web Server that will allow students and faculty to view the status of the mechanical and electrical processes going on in the building. There are two state-of-the art touch screen display panels near the building entrance that will guide visitors through a "virtual tour" of the buildings mechanical and electrical systems. The Continuum system also utilizes many other open technology features in the Science building including software driver interfaces to a Square D electrical power monitoring system, the Carrier chillers, and a Phoenix Laboratory fume hood control system.

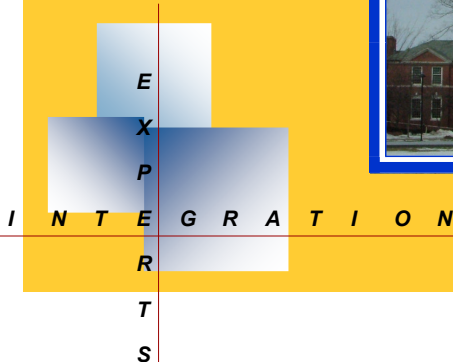
In addition to the Continuum HVAC control system, a Continuum card access system was added. The HVAC and card access controllers reside on the same Network Controller. This is a truly integrated system. PEA currently has 32 buildings and over 4000 points being controlled by Tour Andover Controls (TAC) systems.



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Customer Profile



Exeter, New Hampshire

