

Project Profile

Boston University Home to Three Generations of Andover Product



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Boston University, a prestigious 300-building campus in the heart of downtown Boston, Massachusetts, is one of many Andover sites that has taken full advantage of *Infinity's* backward compatibility. They, like many other long-time customers who heavily invested into the Andover AC256 controller family can attest to, were *not* forgotten as future generations of the Andover product line were introduced. *Infinity's* backward compatibility allows BU's substantial investment in Andover's previous generations of products to *grow . . . not go!*

Infinity allows integration of *both* Andover's AC256*Plus* controllers and *Infinity* controllers into Andover's SX 8000 powerful operator workstation software. From a single graphic workstation, points from both *Infinity* and AC256*Plus* products can display, and operators can adjust schedules, view reports, respond to alarms, and share information between the two product lines in the same manner. AC256 controllers appear directly on the SX 8000 object tree right along with the newest *Infinity* controllers.

BU has been an Andover end-user since 1984 with the installation of a first generation AC256 system in the West Campus facility. Since then, the University has steadily replaced its conventional pneumatic controls over time with Andover's three generations of products.

When Andover's second generation AC256*Plus* products were introduced in 1989, the University made the changeover, with a total of 25 campus buildings under AC256*Plus* control. Now 75 buildings later, Andover's third generation, the *Infinity* product line, is controlling classroom buildings, student housing, offices, research labs, a performing arts center, underground storage tanks, etc.

Andover utilized BU's existing fiber optic (campus Ethernet TCP/IP) WAN and networked 25 AC256*Plus* Master controllers and 17 *Infinity* CX 9200 controllers together. Using the campus-wide Ethernet has eliminated the laborious task of dial-up communications to more than 75 Andover-controlled buildings. In addition, five site-wide *Infinity* SX 8000 workstations are now networked, enhancing the abilities of the University's central alarm desk personnel and system administrators to prioritize and manage the alarms that occur throughout the campus. And with *Infinity* backward compatibility, SX 8000 workstation operators can interface and control both the new Andover

product line and the old anywhere on campus *seamlessly* over the same network.

Recently, *Infinity* was installed in BU's new Photonics Lab and their new School of Management building. In addition, a file server interface with the University's work order generation system (Computer-Aided Maintenance Management System, or CAMMS) is being planned that will generate work orders automatically from Andover system alarms.

"Technical leadership and performance in the DDC industry were the original factors for Boston University selecting Andover. To this day, Andover still maintains this high standard of performance. We look forward to continuing our relationship with them through service contracts and future campus capital improvements," states William A. Costa, Sr., Director Energy Administration and Operations for Boston University.

And no doubt Boston University will take advantage of Andover's future generations of product, confident that their previous Andover investments are secure.

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PROJECT AT A GLANCE:

Project Type:

HVAC/Energy Management

Project Name:

Boston University

Location:

Boston, Massachusetts

Market Segment:

Education

Number Of Buildings:

75

Total Square Feet:

3 million

Infinity Equipment Installed:

17 – CX 9000 network controllers
5 – SX 8000 workstations
25 – AC256Plus Masters
1500+ – Infinet controllers

Network:

Fiber optic Ethernet WAN with
TCP/IP protocol

System Runs on Existing Network?

Yes

Applications:

Temperature and humidity control
Laboratory airflow tracking and
control
Global energy monitoring and
tracking
Fuel oil management
Integration to University's
Computer-Aided Maintenance
Management System
(CAMMS)

Total System Points:

12,000+

Andover Controls Representative:

Andover Controls Engineered
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