



Building Automation Systems

# Project Profile

Research

## DuPont Experimental Station – Tri-M and Andover Controls support operations in over 36 Research buildings

Tri-M Building Automation Systems was selected as the standard for one of DuPont’s largest research centers – The DuPont Experimental Station.



Founded in 1802, DuPont was primarily an explosives company. One hundred years ago, the focus turned to chemicals, materials, and energy.

DuPont established the Experimental Station in 1903 near Wilmington, Delaware, to conduct and promote scientific research as a major platform for industrial growth. The facility was DuPont’s first general scientific laboratory and the site of many of the company’s most spectacular research triumphs, including neoprene, nylon and Lycra®. It is now one of the largest research centers in the DuPont Corporation.

Tri-M Building Automation Systems installed the first Andover Controls system in 1993 and has expanded/upgraded the systems on an ongoing basis ever since. The system integrates all aspects of the buildings critical environments and special conditions from Laboratory Controls, HVAC, to office VAV boxes.



Tri-M uses the Andover Infinity and Continuum family of Controllers at the complex.

### PROJECT AT A GLANCE:

**Project Type:**

HVAC

**Project Name:**

Dupont Experimental Station

**Location:**

Wilmington, DE

**Market Segment:**

Research

**Number Of Buildings:**

36

**Total Area:**

1+ million sq.ft.

**Equipment Controlled:**

Fume Hoods  
Air Handling Units  
Chiller Plant  
Boiler Plant  
Heat Exchangers  
Dual Duct Terminals  
VAV Boxes

**Network:**

Dedicated Ethernet LAN

**Applications:**

Temperature and humidity control  
Utility monitoring and reporting  
Lighting control, Lab Controls

**Third-Party Equipment and/or Drivers:**

, York Talk

**Total System Points:**

10,000+ (HVAC)

**Total System Investment:**

\$6.5+ million

**Tri-M Building Automation Systems**

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