

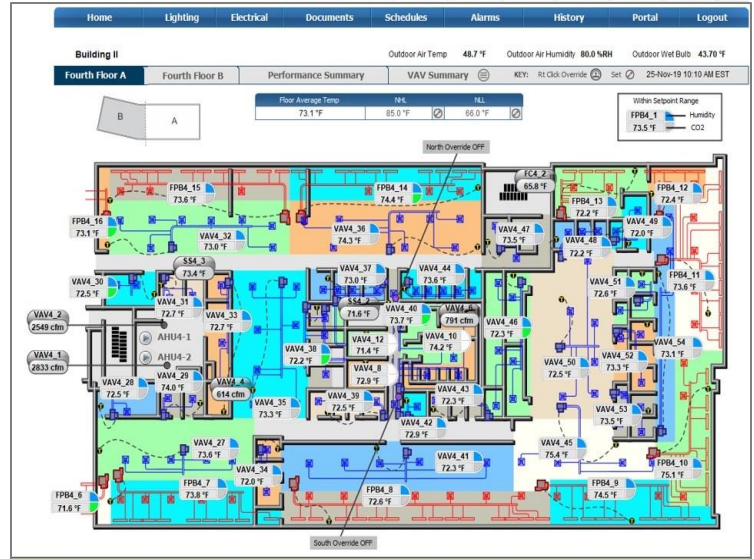
MCI delivers results for a high-tech project

THE PROJECT

Mechanical Contractors Inc (MCI) of Charlotte NC, a long standing Vykon MSI was recently selected to provide integration services for a high-tech international project in the Raleigh-Durham, North Carolina area. The project included a new 205,000 square foot, four-story building, and the renovation of an existing 205,000 square foot building to support client's organizational changes and new ways of working.

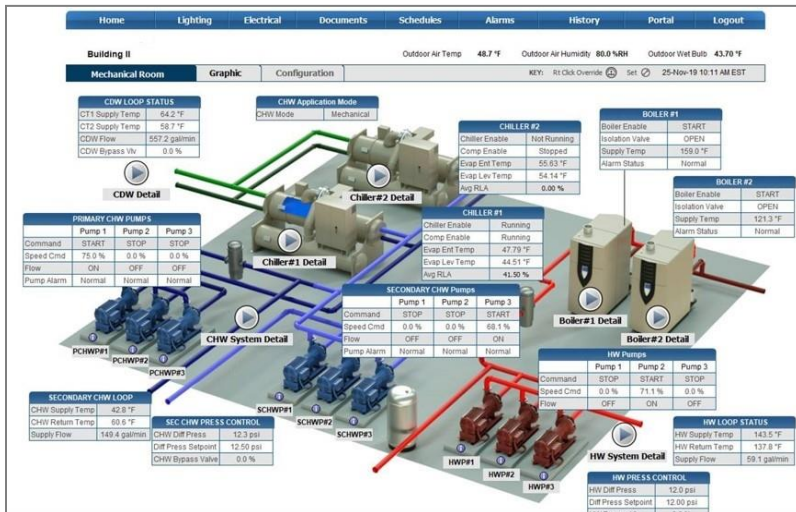
THE GOALS

- Include modern amenities in the buildings.
- The overall design will express the organization's commitment to quality design and sustainability goals.
- Improvements to the site include new entry and exit points, signage and wayfinding, and traffic safety logistics.
- The employee experience will be enhanced through a variety of outdoor spaces for collaboration and recreation.



SYSTEMS INTEGRATED

- Fire Alarm Control Panel
- Elevators
- Domestic Booster Pump Skid
- Captive Air Kitchen Hood
- Power Management: Generator, Solar PV, LEED Gold Metering
- Metering: Gas, Domestic Water, Reclaim
- Lighting
- Solar to Thermal
- Data Center Liebert and UPS
- Cooler/Freezer Monitoring
- Chemical Treatment System
- Refrigerant Monitoring



THE RESULT

Working with Activelogix, LLC, MCI developed a modern IP design plan using Niagara Framework® to integrate key mechanical and electrical sub-systems. The design allowed users to cost effectively manage comfort in their space while achieving LEED Credits through advanced pumping routines, demand control reset on ventilation and terminal boxes, critical zone reset and chiller/boiler optimization.

