

A BIG STEP TOWARD BRINGING A FAR-FLUNG CAMPUS TOGETHER

Honeywell brings a mix of third-party devices together and under remote monitoring and control for Mississippi's first accredited community college.

Case Study

“During our upgrades, PRCC was looking for a seamless retrofit without replacing each device or entering into costly service contracts. A conversation with Chuck and Honeywell delivered exactly what we wanted.”

Craig Tynes
Director of Physical Plant

Honeywell

Pearl River Community College began educating students as Mississippi's first agricultural school in the early 20th century. With the original building in Poplarville, the college now has 3 locations across southern Mississippi.

When they undertook to upgrade all their computers to Microsoft Windows 10, they realized their HVAC control software would have to be upgraded as well, at great expense, still leaving them with obsolete control hardware. So they turned to Environment Masters Inc., a Honeywell contractor.

Pearl River liked Honeywell due to a positive history with past projects. Facilities manager Craig Tynes was familiar with Honeywell controllers already installed on other campuses, and knew that Honeywell could retrofit to incorporate some of the existing third-party devices into a single system. The hope was that they could integrate a new Honeywell control system, accessible remotely, while not having to 'rip-and-replace' all the hardware from other brands. Fortunately this was Honeywell's sweet spot.

THE NEEDS

Replacement for another company's control software which was cost prohibitive to update

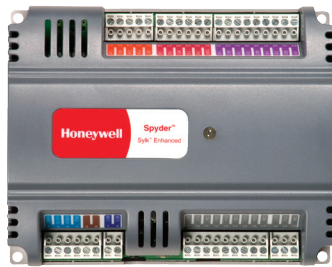
A building control platform that's expandable, device-agnostic, and web-accessible from anywhere

A solution that requires the replacement of as few existing hardware components as possible

A minimally disruptive deployment process

THE SOLUTION

The air handlers received Spyder controllers with an I/O for the chiller and boiler. Then a driver brought the third-party variable air volume boxes into a JACE 8000 to tie all the subsystems into a rich Niagara-based graphic display viewable via Ethernet or wireless LAN, or on a standard browser over the Internet.



Spyder Classic Controller



Niagara Dashboard



THE BENEFITS

The deployment went smoothly with very little interruption in climate control for the school, and the administrators are delighted that they are now free of expensive service calls and updates, and their previous, non-customer-friendly proprietary network.

In short, Honeywell was the right building control provider at the right time as Pearl River Community College plans for their next century.

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