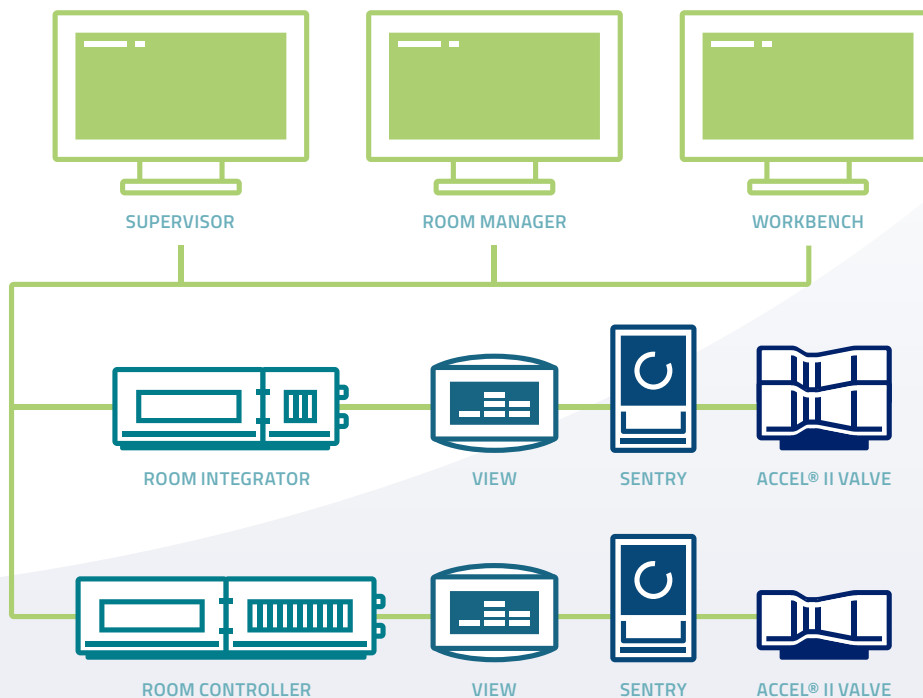


Vantage Airflow Control Solution

A Better Visibility into Critical Environments

Buildings containing laboratories or pressurized zones can be costly to maintain. As much as two thirds of the total utilities cost for the building can be attributed to heating, cooling, supplying and exhausting the airflow in these critical spaces. While a building management system delivers viewable data, it typically does not provide the actionable information facility staff needs to reduce energy costs and maintain safety.

The Vantage Airflow Control System compliments your existing building management system by providing facility managers the information they need to identify energy waste or potentially unsafe conditions. Live data from precision controls is used to identify causes for alarms and other abnormal conditions. For example, the Vantage analytic engine calculates the air change rate in a critical space and identifies the causes affecting the rate such as fume hood demand, poor air quality or thermal conditions. Vantage achieves this while providing highly sophisticated and accurate airflow control and room pressurization, ensuring safety is not being compromised.



Vantage System Overview

Vantage Benefits

Advanced Control

- Fastest response rates, largest control range
- Usage Based Controls® to reduce fume hood energy costs
- Progressive Offset Control for cleanroom/biocontainment precision pressurization

Easy Commissioning

- Single software tool configures, commissions, and trouble shoots control system
- Single global database for control, integration, and front end graphics

Flexible Integration

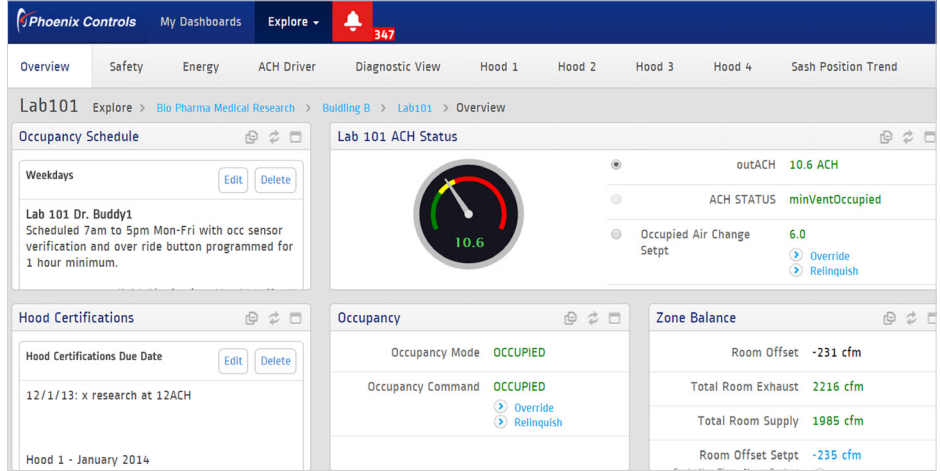
- Open protocols integrate to third-party systems/building management.
- Flexible integration architecture meets diverse IT department needs

Investment Protection

- Retrofit solutions to upgrade valves manufactured from 1991 onward
- Valve body remains untouched during retrofit, saving time and money modernizing the control system

Actionable Information

Most building management systems don't provide all the information needed to support initiatives such as reducing utility costs in high energy consuming spaces. Vantage provides a front-end solution that analyzes data from the valve controllers to tell users information such as the air change rate in a space and what is affecting those air change rates.



The Vantage system can easily bring in third party device data such as air quality sensors to ensure your critical spaces are both energy efficient and safe.



The Vantage airflow control system can be deployed as a standalone laboratory or critical healthcare space system, integrated to a building management system (BMS), or both.

For additional information visit www.phoenixcontrols.com/Vantage



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