



Wood County Schools - West Virginia

ENHANCING EFFICIENCY AND COMFORT IN WOOD COUNTY SCHOOLS

THE CHALLENGE

- **Aging infrastructure:**
Facing an average building age of 71 years, Wood County struggles with balancing temperature control, complicated by diverse and outdated equipment.
- **Resource Efficiency:**
Efficient labor use is essential for the maintenance team of 22 technicians, including five HVAC specialists, to preemptively address issues for the 11,000 students.
- **Complex Integration Needs:**
Integrating a control system without disrupting existing aesthetics and operations was challenging due to diverse, aging equipment.



Wood County Schools uses the WebCTRL® system daily to monitor HVAC and other building systems.

Project Objectives

Wood County Schools is a public school district in West Virginia serving Parkersburg, Vienna, Williamstown, and nearby areas. The district is comprised of 22 schools and approximately 11,000 students across grades pre-K-12.

Wood County Schools struggled with outdated infrastructure and inconsistent temperature control. The complexity of integrating modern systems with aging equipment, combined with a small maintenance team, made efficient resource use essential. Wood County Schools turned to Premier Energy Systems, the authorized Automated Logic dealer serving West Virginia, for an advanced automation solution to improve energy efficiency and operations at 24 schools in the district.

The Solution

Automated Logic and Premier Energy Systems played a pivotal role in addressing the unique challenges faced by Wood County Schools. With an average building age of 71 years, the schools required a modern and integrated approach to building management. Automated Logic's WebCTRL® system delivered a centralized solution that enabled efficient monitoring and management of the schools' diverse building systems. This innovation allowed maintenance teams to proactively identify and resolve performance issues, significantly reducing the time and effort required to maintain optimal learning environments.

The implementation of the WebCTRL system was instrumental in achieving operational and energy efficiency. For a school district managing resources for approximately 11,000 students, this efficiency was a crucial factor in reallocating funds towards educational priorities. The system's user-friendly interface ensured that any necessary adjustments were made swiftly, enhancing the responsiveness and effectiveness of the maintenance team.

Moreover, Premier Energy Systems' commitment to customer service provided Wood County Schools with reliable support and rapid response times, fostering a strong, ongoing partnership. This collaboration not only addressed immediate challenges but also laid the groundwork for sustainable, long-term improvements in building operations and student learning environments. The strategic integration of advanced control systems by Automated Logic and Premier Energy has ultimately enhanced comfort, safety, and educational outcomes across the district.

"WebCTRL lets me keep track of the buildings during the day. If I find something out of the ordinary, then I know where to call and send somebody before the school actually calls or it becomes a bigger problem."

- Butch Townsend
Maintenance Supervisor
Wood County Schools

For more information, visit [automatedlogic.com](https://www.automatedlogic.com).

