



DANE COUNTY PUBLIC SAFETY

DANE COUNTY

“ ESI makes our lives easier. The guys in the field doing the work communicate and coordinate well with us. ESI’s point verification process ensures projects are in complete working order when we take control of the building. ”

– STEVE ALWIN
Assistant Facilities Manager, Dane County

DETAILS>>

Since 2006, Dane County has entrusted ESI with the building automation systems of its government and public safety buildings, job center and nursing home. The central Wisconsin county ranks second largest with a population of nearly 500,000.

“Dane County selected ESI to handle its systems based on ESI’s reputation for impeccable service, rapid response and measurable results,” says Steve Alwin, Assistant Facilities Manager of Dane County.

CHALLENGES>>

Dane County was looking for ways to improve energy efficiency and reduce facility operations costs. The county realized that integrating its many building systems would help unlock valuable information and improve savings for taxpayers.

“We were looking for a systems integrator with a proven ability to identify and execute projects that measurably improve facility operations,” Alwin says. “We also wanted a firm that had the experience and knowledge of working with county government.”

“With ESI, our ability to operate our facility and manage our equipment is much easier.”

– STEVE ALWIN

SOLUTIONS>>

After a review and a strong reference from Wisconsin’s Waukesha County, ESI was selected for Dane County’s project. As a systems integrator, ESI has successfully worked with businesses of all types to create efficiencies by linking stand-alone systems across multiple facilities.

ESI’s design and implementation of integrated building control systems means that Dane County’s building data now streams through robust, front-end software that easily maps out multiple trends within a single-user interface. Facility employees can quickly and easily determine and adjust for less than optimal conditions, saving time, energy and money.

“When we sit across the table from ESI engineers, we’re confident they have fully verified and commissioned every part of our system,” Alwin says. “This ensures all systems work together to design specifications based on occupancy, temperature changes and numerous other factors.”

Technology alone, however, without deep experience in creating understanding among facility employees, can leave operational and energy savings unrealized. “ESI takes it a step further to ensure frontline employees are fully trained and equipped to maximize our investment,” Alwin says. “If you don’t have engaged employees, it doesn’t matter what type of processes or technology you have in place.”

Alwin also notes, “ESI has been very flexible in working with us in county government.

ADDED ADVANTAGES

Based on Dane County’s experience, Alwin says, ESI’s commissioning process is unmatched in the industry.

Prior to turning over control of a new project, ESI conducts point-by-point verification of field devices, such as valves, sensors and dampers to ensure proper function and reporting through a single graphical-user interface. Verification of manual override functionality also is included. If facility employees determine a need for manual positioning of dampers, lights or door locks, for example, they can count on the system delivering an efficient means of control with the touch of a finger.

ESI’s continuous commissioning process maintains maximum effectiveness and return on investment as systems age. Working alongside building engineers, ESI actively seeks out less than optimal conditions within facilities to ensure each situation is addressed before becoming a larger, more costly problem.

From innovative designs and installation to comprehensive management and support, ESI provides integrated, performance-building solutions that generate success stories. Contact us to find out how we can help you improve your building performance.

The few issues we’ve encountered were addressed immediately, which is all you can ask of a solutions provider. Do things happen? Sure. But the difference is the rapid response ESI brings to making things right.”

The bottom line? Alwin says that it’s that “these guys do things that actually work and make an impact to our facilities.”

ESI Environmental Systems, Inc.

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