



IES evaluates your building's current performance and usage and then designs a customized program for your building; increasing occupant comfort, reducing energy consumption, and increasing operational efficiencies.



Complete Building Solutions

3680 Symmes Road
Hamilton, Ohio 45015
513-874-6733
FX 513-874-8911

www.ies-cin.com

Building Automation Continuous Commissioning

Providing Optimal Efficiency of All Your Mechanical Systems

At Innovative Energy Solutions, we know you need a reliable building automation system (BAS) to keep your facility comfortable, safe and operating effectively year-round. A well maintained BAS ensures continuous efficiency and reliability. Our comprehensive Continuous Commissioning programs focus on three main support service areas: application, operation and hardware support.

Application Support Services

System Performance Review

As part of your system performance review, IES provides software application support designed to maximize system utilization, including an on-site audit of current application programs against your buildings' actual performance. As is often the case, the original design intent and sequence from a building's construction documents may not fully meet a customer's actual needs, or the building's usage may have been modified over time. IES evaluates your building's current performance and usage and then designs applications and a customized program for your building. New applications will be presented with the goals of increasing occupant comfort, reducing energy consumption, and increasing operational efficiencies. In addition, IES determines and provides the estimated financial payback for your consideration.

Software Support Services

IES' world-class product suppliers are constantly analyzing and testing their product lines to enhance current system performance and provide additional features. We make sure our customers stay on the cutting edge of these ongoing technology developments by providing and automatically installing software upgrades at no charge, ensuring your system software is always operating efficiently.

Operation Support Services

Training and Back-up Assistance

IES' experienced technicians and support personnel will provide training and back-up assistance for your staff on an "as needed" basis. Your business benefits fully from the knowledge and expertise of our staff. IES can provide training for new staff or refresher training for existing staff to optimize their usage and knowledge of your system.

Remote Diagnostics

IES' remote diagnostics online help desk is your assurance that help is just a phone call away. An IES technician delivers responsive service by first accessing your system remotely. The IES technicians analyze relevant data, and when necessary, initiates the appropriate diagnostic service or assists your on-site representative. If it is determined that an on-site visit is necessary, an IES technician is dispatched,

– Continued on back

Building Automation Continuous Commissioning



Operation Support Services – Cont'd

arriving prepared with the right material and/or parts to perform the necessary work. Our quick response ensures that disruptions and occupant complaints are kept to an absolute minimum.

Database Verification

During the daily operation of your building, decisions may occasionally be made to implement changes resolving a comfort or a system issue. The root of the problem can be overlooked or a change intended to be temporary is sometimes forgotten. IES personnel will review your system exception and alarm histories remotely and report our findings. Our reports detail any activity that could cause system degradation so your equipment continues operating efficiently and as intended.

Database Backup

IES will produce and retain a complete backup of your system database to minimize the effect on your building's environment if the database is lost and needs to be reloaded. These backups are performed on an annual basis or after a system modification, and are stored on our network server for remote access by any IES technician. This ensures a reasonably current backup of your software; reducing building downtime and the associated discomfort issues. Proper database management is important as the cost of recreating the database can be significant and time consuming.

Hardware Support Services

Diagnostic Services

IES' diagnostic services can detect early signs of deteriorating performance and predict potential failure. We will perform the manufacturers' recommended diagnostic service checks to keep your BAS equipment operating at optimum efficiency. When a potential problem is identified, we take corrective action. IES allows you the flexibility to include the cost of components and repair labor in your service contract or you can purchase as needed through our over-the-counter parts program at discounted prices.

Building Controls' Continuous Commissioning

Proper calibration and tuning of sensing devices, actuators, and other control devices is critical to system performance. IES offers complete hardware calibration support for all devices associated with your building's control system.

Complete Satisfaction

Your IES technician and service dispatcher provides a full report to you after each service call, verifying that the assigned tasks were completed and that your mechanical system is operating correctly. Our goal is to make sure you understand all aspects of your building condition status so a continuous commissioning program can be developed to fit your needs, ensuring optimum system and mechanical equipment performance, increasing your energy and operational savings, and protecting and enhancing your investment.



Complete Building Solutions

3680 Symmes Road
Hamilton, Ohio 45015
513-874-6733
FX 513-874-8911

www.ies-cin.com