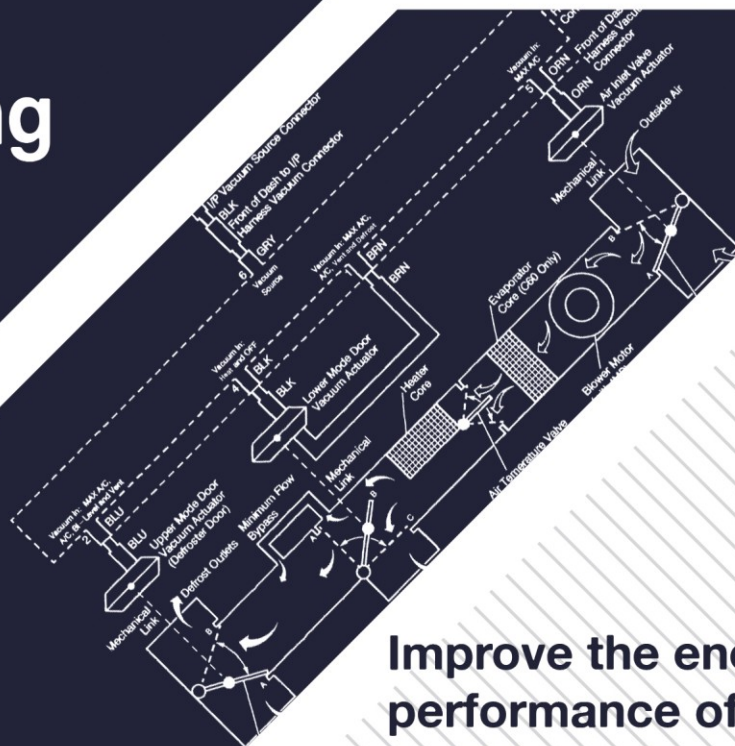


AEI

Rapid Deployment
**Building
Performance
Assessment**
and
**Consistent
Commissioning
Services**



Improve the energy performance of your facilities using existing BAS data combined with the power of our analytical tools and the insight of our certified energy managers.

Consistent Commissioning, Retrocommissioning and Recommissioning of Multi-building Facilities

● AEI helps building owners solve energy problems to optimize efficiency.

- Rapid deployment and low intrusion
- Verification of BAS & system equipment
- Optimize facilities staff time
- Solve building operational problems
- Eliminate repeating building symptoms
- Increase building comfort
- Access to Utility Incentives

● Rapid Response for a variety of Applications

- Energy project assessment for ESCOs and Independent Energy Managers
- Pre and Post Renovation Audits
- Retro-commissioning baseline audits
- Continuous commissioning to maintain efficiency and LEED certification
- IPMVP Option A and B Measurement Verification
- Elimination of inefficient and unnecessary use of energy

AEI Typical Reporting

- Setpoint vs Actual
- Schedules by Season
- VFD speeds, static pressures, excessive cycling
- Leaking Valves
- Reset Strategies; Optimum Start/Stop
- Lead/Lag sequences
- Economizer operation
- Demand Control Ventilation
- Sensor Calibrations and Failures
- Heat Recovery effectiveness
- Ventilation levels
- Simultaneous Heating/Cooling
- Lighting, Central Plant
- Load Profiles, Baseloads

One building or a hundred. One EMS or a dozen.

AEI uses the existing EMS/BAS and process data of a facility – no new hardware or software is involved. The avalanche of cheap data from today’s modern systems is largely ignored because of the scarce and expensive tools required to analyze it.

Using AEI analytics, our CEMs rank outliers and prioritize high-value targets first; smaller opportunities are revealed over time as AEI leads you into the consistent commissioning world of continued efficiency.

EMS Agnostic

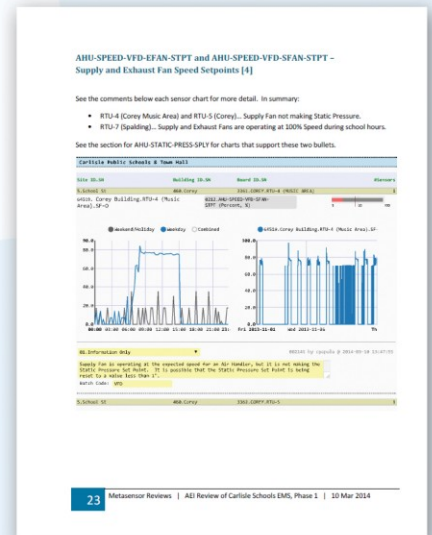
Our processing is compatible with any Honeywell, Siemens, Tridium, Trane, JCI or other EMS capable of exporting data to CSV, MSSQL, MySQL, XML or real-time accessible via web services. We support transport by FTP, SFTP or any method subject to your own security protocols. We support projects with a mix of EMS and each project has a separate database instance hosted on a secure VPS.

Your Cost Effective Commissioning Partner

- We are your rapid-response energy data processing partners. During the discovery phase we learn how your buildings are performing.
- Using your BAS, utility and weather data, we apply our statistical techniques to drill into the underlying causes of inefficient energy asset performance.
- Our certified energy engineers can then figure out the underlying reasons for inefficient performance, and our deliverable to you is a set of cost-ranked energy savings opportunities.
- From there, we can guide you through O&M efficiencies, suggest capital improvements with acceptable ROI, and help you maintain your energy plan.



High-performance AEI processing and analytics brings your BAS data into focus for our CEMs to use...



...Our deliverable to you is an asset-based analysis for a plain-English discussion of energy savings opportunities.



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AEI