



# A Building Clouds Solution

Wireless IoT BMS Upgrade – Simple Install – Remarkable Energy Savings

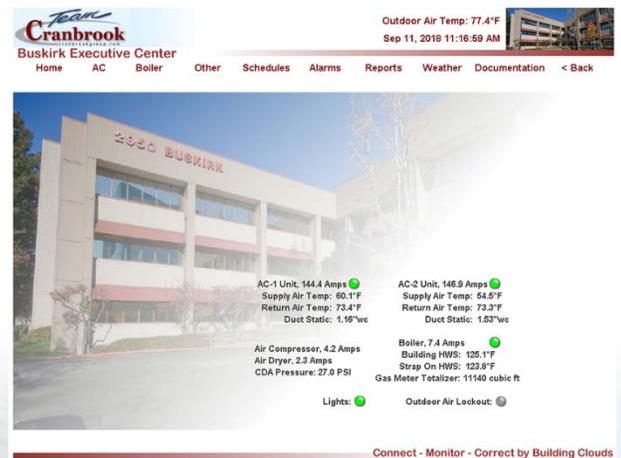
## Lack of Remote Access to Building HVAC Systems Quickly Solved, New Focus Nets Huge Savings

Without a Facilities Team on site at the Buskirk Executive Center, Team Cranbrook was forced to dispatch an Engineer to check their HVAC systems for tenant comfort complaints they received.

Energy ETC, a Building Clouds Master Partner, knew that their Connect – Monitor – Correct BMS Assurance program was the solution, and at a price that fit into the owner's budget.

Energy ETC implemented a Building Clouds SAAS BMS cloud account and their Wi-Fi based strati-fi IoT controllers to retrofit two roof top A/C units, boiler skid, air compressor, and common area lighting systems. They easily deployed a secure wireless network for the new controllers. No expensive labor-intensive wire pulls or tenant disruptions. Just a simple and easy upgrade which was completed in no time at all. All remotely accessible from anywhere, anytime.

To ensure this is a sustainable solution building performance monitoring is included with the BMS Assurance program. Energy ETC's Helpdesk monitors the building daily for proper operation, provides system control enhancements to improve performance, manages alerts and fault diagnostic rules, and communicates with Team Cranbrook.



During the first year of this program, gas and electrical usage has dropped 20% resulting in an average monthly utility cost savings of \$3,000. Team Cranbrook's ROI for this project was less than nine (9) months

### Solution Components

- Opendiem SAAS by Building Clouds
- Building Clouds Wireless strati-fi IoT Nodes
- Building Clouds OPEN BC\_iSTAT Controllers
- BMS Assurance with Help Desk by Energy ETC

### Solution Benefits

- Tenant Satisfaction and Tenant Retention
- Eliminated Excessive Nuisance Service Costs
- HVAC Energy Use Management
- Increased NET OPERATING INCOME - NOI

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