MBP MONITORING-BASED COMMISSIONING (MBCX)

Modern buildings are complex organisms. Building owners are continually challenged to manage efficiency, comfort, and safety for their clients and occupants. Maintenance resources are scarce and keeping operations optimal is a challenge. What if a solution could be deployed to enable operational efficiency and continuous improvement? It can – meet Monitoring Based Commissioning (MBCx).

WHAT IS MBCx?

MBCx is the application of modern analytical tools using existing data generated by the building systems that enables continuous improvement for managing performance and efficiency. It is always on. It identifies issues as they occur, and sometimes before, potentially saving building owners time, money, energy, and aggravation.





Because it's smart business! It's not uncommon for MBCx to generate an ROI that pays for the service. Building Management Systems (BMS) are great for centralized control. They may be programmed with key alarms that notify the O&N team when a critical failure occurs. However, they typically aren't configured to identify and prioritize equipment performance. An MBCx solution does this.

An action plan can easily be developed to address concerns and easily communicate to O&M personnel, saving time. Equipment can be serviced quickly, saving energy, and decreasing occupant complaints. And who doesn't want to save time and money?



Standard preset as well as **customizable** analytics and reports

A way to leverage Building Automation System (BAS) data to **present actionable information** quickly and simply

Straightforward user interface to identify system performance issues and prioritize work orders

Advanced analysis for experienced energy managers

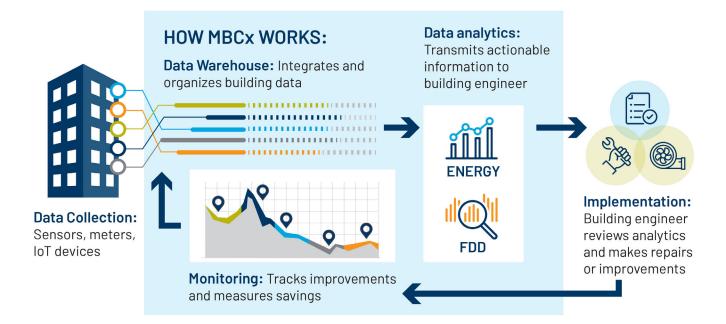
Customizable energy management dashboard to display current performance metrics and compare to past performance

Identification of previously unrecognized and unquantifiable savings opportunities that are not otherwise apparent through utility bill analysis



Potential Energy Savings from MBCx Implementation	Year 1	Year 2	Year 3
Number of organizations	28	18	10
Floor area (millions of sq ft)	101	90	50
Number of buildings	556	509	193
Median savings (%)	6%	9%	13%
Median savings (\$/sq ft/yr)	\$0.17	\$0.24	\$0.38

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broad range of professional services designed to mitigate risk and optimize value within the built environment. Our diverse team of experts specializes in innovative solutions to our clients' dynamic infrastructure and facility needs. We maximize an owner's investment by identifying performance enhancements and efficiency improvements which translate into reduced life cycle asset costs.

Record as a Top 100 construction management firm and Top 50 program management firm. We stand apart from our competitors in our diverse range of services, our attention to client service, our values-based leadership and culture, and our people. Our team includes some of the most experienced and qualified professionals you will find in the industry.

FOR MORE INFORMATION CONTACT

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