

# BUILDING OPTIMIZATION

SOLUTIONS



**CBRE|ESI** | Our Building Optimization solution uncovers hidden opportunities for savings and efficiency and allows our clients to take control of their infrastructure. By connecting the disparate building systems, our process accesses data currently isolated in each system. Through our dynamic analytics platform, combined with engineering expertise, we leverage this data to find ways to improve system efficiency, extend equipment life, and quickly respond to equipment malfunctions.

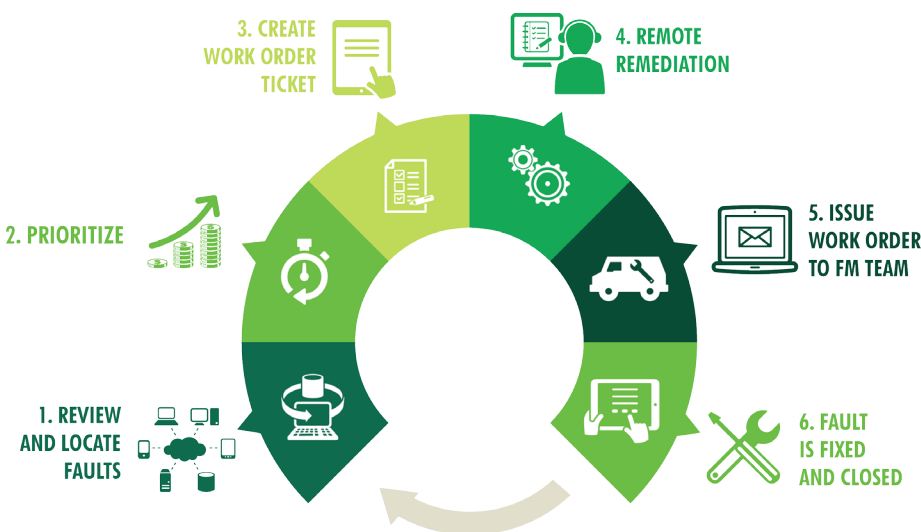
## OUR PROCESS:

Exploring the building in real time, we identify existing, and potential, issues to ensure rapid resolution and minimize efficiency loss.

Once a fault is identified, our Network Operations Center (NOC) engineers review and prioritize faults based on cost impact to the buildings. This enables the most efficient and effective allocation of resources to address high impact faults quickly, improving efficiency and reducing costs.

Then a work order is assigned to the fault for diagnosis. NOC engineers investigate the fault and make corrections remotely according to pre-defined response protocols.

Faults that cannot be resolved remotely are escalated and transferred to the facility management team. Probable cause is identified and directions to correct the issue are provided in full detail as part of the work order.



## BENEFITS

- Reduces costs associated with utilities, maintenance and labor.
- Supports Green Building standards (e.g. LEED, ENERGY STAR, etc.)
- Improves occupant comfort and safety.
- Creates cost avoidance by identifying many system faults before they can significantly impact efficiency, occupants or budget.
- Increases equipment life and expedites troubleshooting and issue resolution.

## OUR CAPABILITIES:

Our solutions include the following services for building systems:

- Alarm Monitoring
- Help Desk
- Remote Operations/Scheduling
- Advanced Analytics
- Diagnostics/Programming/Dispatch
- Disaster Response
- Software Maintenance
- Security Assessments
- Plant Optimization
- Data Analysis

## CONTACT:

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