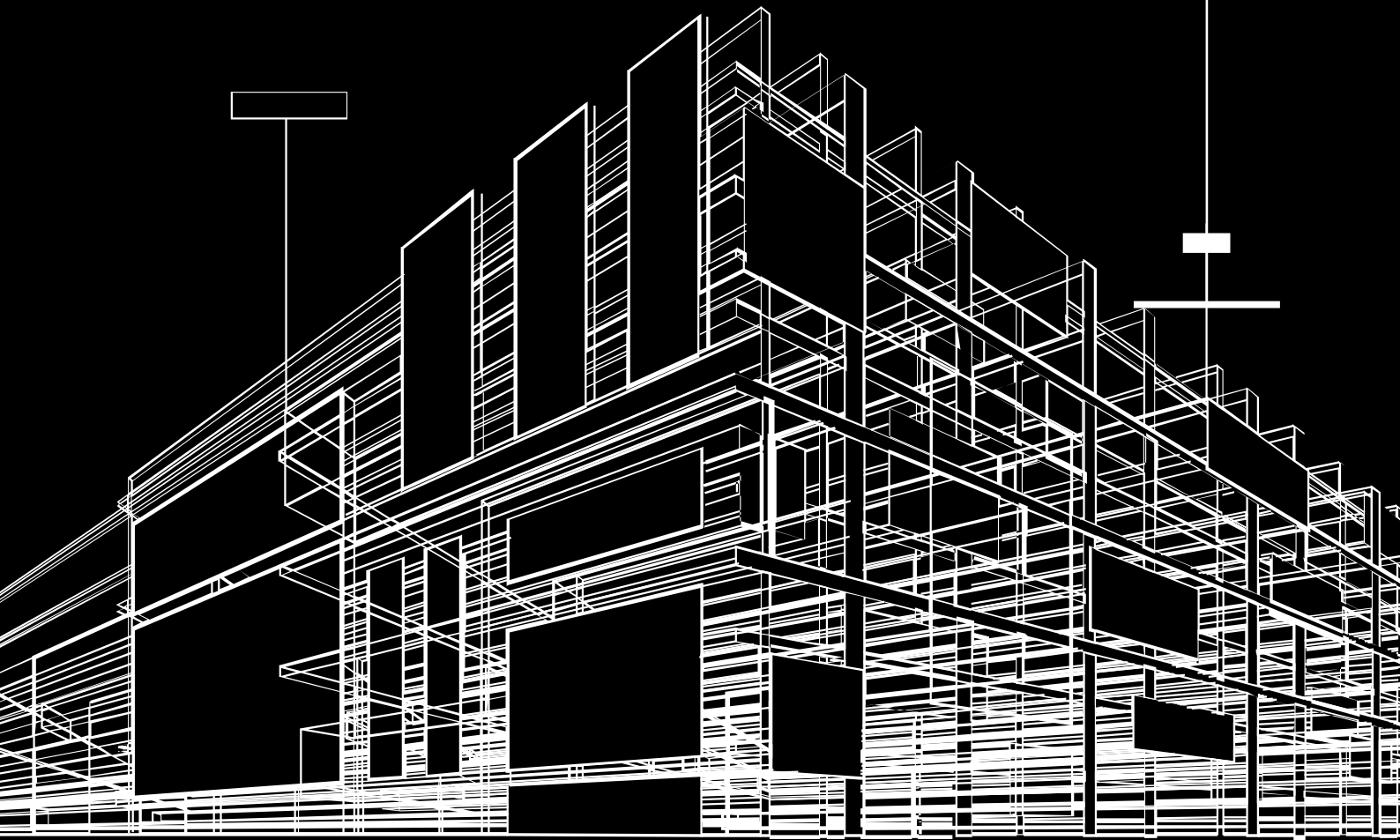


CopperTree Analytics: Revolutionizing Operations for Buildings

Transform Maintenance. Reduce Costs. Lower Emissions.

Your building's performance holds the key to reducing operational costs and greenhouse gas emissions while ensuring long-term sustainability. CopperTree Analytics specializes in transforming how buildings are managed, offering data-driven solutions that enhance efficiency, extend system life, and deliver measurable environmental benefits.



CopperTree
Analytics



eBrain
INNOVATIONS

eBrain Innovations is a CopperTree Analytics Authorized Partner

Proactive Maintenance: From Reactive to Predictive

Traditional maintenance strategies often wait for problems to arise, leading to unplanned downtime, higher costs, and increased energy waste. CopperTree's Kaizen platform shifts your operations from reactive to proactive, putting the power of advanced analytics to work for you.

⁰¹ Early Fault Detection and Diagnostics:

Kaizen continuously monitors building systems, identifying inefficiencies and potential failures before they escalate. Address issues promptly to reduce energy consumption, avoid costly repairs, and keep occupants comfortable.

⁰² Optimized Resource Allocation:

Focus your maintenance efforts where they're needed most. Kaizen provides clear, actionable insights, helping you prioritize critical issues and minimize unnecessary labor or parts replacement.

⁰³ Automated Testing for Preventive Maintenance:

With Automated Commissioning (ACx), Kaizen enables ongoing testing and validation of system performance. By automating these processes, you can ensure preventive maintenance tasks are carried out efficiently, reducing manual labor while maintaining optimal building operations.



Achieving Energy Efficiency: **Lower Costs and Emissions**

Operating an efficient building isn't just about cutting costs, it's about **meeting sustainability goals** and **reducing your carbon footprint**.



Energy Optimization

Kaizen identifies energy-saving opportunities by analyzing real-time performance data. Optimize HVAC, lighting, and other critical systems to reduce energy consumption without compromising occupant comfort.



Advanced Performance Optimization with Automated System Optimization (ASO)

Kaizen's ASO capabilities take energy efficiency to the next level by continuously tuning your building's systems for peak performance. This powerful, automated optimization helps maintain long-term operational efficiency and ensures your building is always running at its best.



Greenhouse Gas Reduction

Kaizen identifies energy-saving opportunities by analyzing real-time performance data. Optimize HVAC, lighting, and other critical systems to reduce energy consumption without compromising occupant comfort.



Extending Equipment Life: A Long-Term Investment

Investing in efficient operations pays dividends over time. By catching faults early and maintaining peak system performance, Kaizen extends the lifespan of your equipment, maximizing your return on investment and delaying costly replacements.

How Kaizen Works: From Data to Actionable Insights

At its core, Kaizen transforms complex building data into meaningful, actionable insights. Here's how it works:

- 1. Data Collection:** Kaizen connects to your building's existing systems, such as HVAC, lighting, and energy meters, gathering real-time data without disrupting operations.
- 2. Smart Analytics:** Using advanced Fault Detection and Diagnostics (FDD) algorithms, Kaizen analyzes the data to detect inefficiencies, anomalies, and potential system faults.
- 3. Actionable Reports:** Insights are delivered through intuitive dashboards and reports. You'll know exactly where issues lie and how to address them; whether it's a leaky valve, excessive energy use, or suboptimal equipment performance.
- 4. Continuous Monitoring:** Unlike traditional maintenance, Kaizen offers ongoing performance monitoring. It doesn't just fix today's problems; it helps you maintain efficiency and sustainability over time.

Proven Solutions for Thousands of Buildings

CopperTree's solutions have been trusted by thousands of buildings across North America to optimize operations, reduce costs, and lower emissions. Imagine how Kaizen could transform your own buildings, offering detailed insights into your systems' performance and empowering you to meet your energy efficiency and emissions reduction targets. Ready to transform your building operations? Contact our Authorised Partner eBrain Innovations to learn how our data-driven solutions can help you reduce costs, lower emissions, and achieve operational excellence.



MANAGED SERVICES

Our experienced team can tailor a solution based on your building's insights. We can present detailed findings, including models or simulations of potential savings.



KAIZEN ENERGY

Coppertree Analytics allows users to gain full visibility of the energy they use and make informed decisions on the best and most effective ways to save!

Kaizen Energy has portfolio-level and building-level energy management capabilities including powerful energy baselining.



KAIZEN FDD

CopperTree Analytics Fault Detection and Diagnostics (FDD) software has the power to optimise your building's performance and continuously improve it.

Our automated FDD feature pinpoints where faults are occurring within your facility, allowing for immediate resolving saving you time and valuable resources.



KAIZEN AUTOMATED COMMISSIONING

Kaizen Automated Commissioning (ACx) systematically verifies BAS-monitored field devices using CopperTree's EMIS and Kaizen FDD platform.



KAIZEN AUTOMATED SYSTEM OPTIMIZATION

Kaizen ASO enhances FDD/EMIS by optimizing BAS interactions, automating fault correction and advanced sequence optimization without manual intervention.



DID YOU KNOW?

HVAC and lighting loads account for almost 50% of a building's energy consumption.



Giving you the tools to **optimize** building performance.



**Smarter
Approach**



**Easy
Onboarding**



**Ongoing
Optimization**



**Save
OpEx**

GET IN TOUCH

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