



CopperTree
Analytics

Case Study

77 Retail Stores. \$190K in Identified Savings. Portfolio-Wide Expansion.

\$190,000

YEARLY SAVINGS

77

STORES

275

INSIGHTS IDENTIFIED

The Solution

CopperTree paired its Kaizen FDD platform with a hands-on Technical Services team. Kaizen continuously analyzes building automation data to surface faults and inefficiencies; CopperTree engineers translate those signals into a prioritized, dollar-quantified action list. It is data plus human expertise that delivers decisions – not just alerts.

Integrated with the existing BAS in about two weeks, with data flowing within days and no rip-and-replace required. CopperTree engineers worked alongside the retailer to prioritize high-impact issues across stores, improving energy performance and occupant comfort. Building analytics helped identify faults early, streamline maintenance, and reduce equipment wear before costly failures occurred.

Client Overview

A major US national retailer engaged CopperTree Analytics to uncover and resolve building inefficiencies across its stores. After integration in about two weeks, CopperTree's Technical Services team completed deep-dive engineering analysis on 77 stores – delivering actionable insights, quantified savings, and a clear path forward. Convinced by the outcome, the retailer is now moving to a full-portfolio rollout.

The Challenge

The retailer operated on a reactive maintenance model – fixing equipment only after it failed – with no unified view of building performance across stores. Energy was wasted invisibly, comfort issues went undiagnosed, and crews troubleshooted blindly. They needed to see each building clearly, prioritize what mattered most, and act before failures occurred – without ripping out existing systems.

What They Needed

- A unified view of performance across every store
- Early fault detection before equipment failed
- Dollar-quantified priorities – not just raw alerts
- A solution that layered onto existing Building Automation Systems
- A scalable model deployable store by store, fast