ENERGY INSIGHTS IMPROVE PROACTIVE INITIATIVES

How K4Connect Smart Home and FusionOS Energy Usage Data Insights improves Cypress Cove's energy efficiency and resident satisfaction

AT A GLANCE

CHALLENGES

- High energy usage outliers
- Risk of resident disatisfaction

SOLUTIONS

- FusionOS energy data insights + Smart Home
- Proactive maintenance

RESULTS

- Increased Resident satisfaction
- Improved energy efficiency

INTRODUCTION

Cypress Cove, located in Fort Myers, Florida, is a premier senior living community focused on a vibrant, resident-centered lifestyle.

As a K4Connect partner, Cypress Cove embraces the full K4Community Suite of solutions and FusionOS integration and data management platform, to enhance operational efficiency, promote resident engagement and well-being, and uphold its commitment to exceptional care.

In this case study, we explore how Cypress Cove harnessed K4Community Smart Home and FusionOS Energy Usage Data Insights to identify and resolve anomalies, proactively preventing additional system issues and avoiding resident discomfort.

> " At Cypress Cove, we are proud to champion K4Connect's innovative solutions that integrate Smart Home technology and leverage the power of FusionOS Data Insights. By utilizing these tools, we can identify and address issues proactively, which not only enhances the living experience for our residents but also saves our community significant costs. Innovation through technology allows us to maintain a forward-thinking approach, ensuring efficiency, sustainability, and the highest quality of care for those we serve.

JOE VELDERMAN
Vice President of Innovation, Cypress Living

THE CHALLENGE: DETECTING ENERGY INEFFICIENCIES

Energy management is a critical component of maintaining a sustainable and cost-effective senior living community. At Cypress Cove, integrated Smart Home devices like lights and thermostats generate valuable energy usage data. However, identifying patterns or anomalies manually can be time-consuming and prone to error, potentially delaying essential repairs and escalating costs.

When the Energy Usage Data Insights feature in FusionOS highlighted unusual energy consumption patterns, Cypress Cove staff needed to act swiftly to investigate and address the issue before it escalated into potentially costly equipment repairs or replacements and resident disatisfaction.

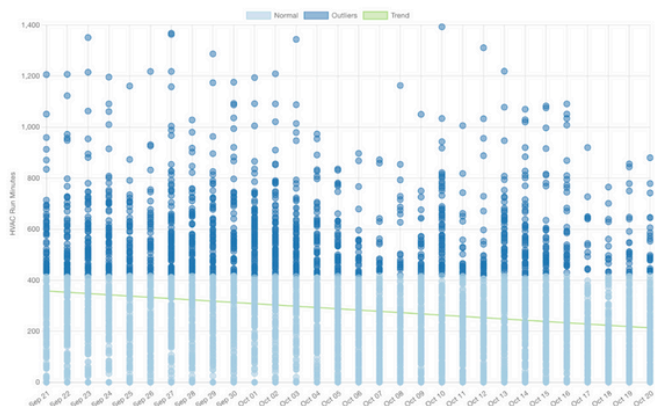## THE SOLUTION: DATA-DRIVEN ENERGY MANAGEMENT

FusionOS Energy Usage Data Insights Reporting, accessible through the K4Community Team Hub dashboard, offers a comprehensive overview of energy consumption for integrated Smart Home devices. With various date ranges, the dashboard enables staff to:

- Spot unusual energy usage patterns
- Detect potential equipment malfunctions
- Identify opportunities for cost savings and efficiency improvements

Cypress Cove's staff leveraged the Energy Usage Data Insights which showed outlier apartments as significant energy anomalies, indicating unusual energy consumption from their HVAC units. This prompted staff to investigate further. Upon investigation, maintenance revealed clogged filters and damaged coils that needed immediate replacement. This proactive intervention prevented additional costly repairs and resident discomfort and dissatisfaction.
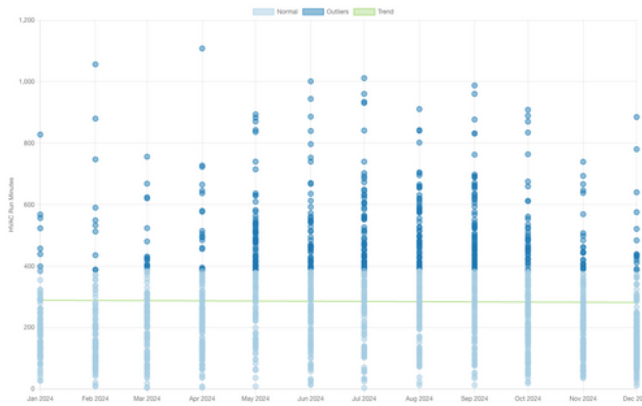
BEFORE

AFTER

RESULTS AND IMPACT

✅ **PROACTIVE REPAIRS**

By addressing the clogged filter and damaged coil issues early, Cypress Cove prevented potential HVAC repairs. Post-repair, the Energy Usage Insights dashboard confirmed normalized energy consumption of those units, verifying the success of the intervention.

✅ **EMPOWERED STAFF THROUGH TECHNOLOGY**

The Energy Usage Data Insights feature enhances the team's ability to make data-driven decisions, improving both operational efficiency and resource management.

✅ **IMPROVED EFFICIENCY & SUSTAINABILITY**

With regular monitoring through FusionOS, Cypress Cove staff can detect and address potential equipment issues faster and deploy preventative interventions, reducing energy waste and contributing to the community's sustainability goals.

✅ **VISUALIZING THE IMPACT**

Before the intervention, the Energy Usage Insights dashboard displayed clear anomalies with sharp peaks in energy consumption from specific units. After replacing the HVACs' filters and coils, the dashboard's data visualizations showed a steady, normalized usage pattern, indicating optimal performance and energy efficiency.

CONCLUSION

Cypress Cove's use of integrated K4Community Smart Home technology and FusionOS Energy Usage Insights exemplifies the power of technology in creating smarter, more sustainable senior living communities. By leveraging data to identify and address energy anomalies and inefficiencies, Cypress Cove not only averted costly repairs but also improved operational efficiency and resident satisfaction. K4Connect's commitment to innovation and collaboration continues to empower senior living communities like Cypress Cove, fostering environments where residents thrive, and operations excel.

READY TO TRANSFORM YOUR COMMUNITY?

Discover how K4Connect's technology solutions can revolutionize your senior living community. Contact us today to learn how FusionOS, K4Community, and our suite of integrated tools can help you optimize operations, enhance resident satisfaction, and achieve your community's mission. Together, let's build a smarter future for senior living.

Schedule A Demo Today

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