Seeing the Whole Picture: Building, Environment and Person

Léa Hampton-O'Neil

Preventative care

“66% of councils agree that proactive TEC is the future and will eventually replace reactive approaches.” Senior Leaders Survey

“Prevention is a way to save 500,000 lives over the next 10 years.” NHS Long Term Plan

Councils are facing increasing financial instability, driven in large part by rising adult social care costs.

This is forcing councils to focus on managing existing demand rather than preventing future demand.

Bringing the Aico ecosystem to telecare

HomeLINK Platform

Smart Meter Integration

Technology Enabled Care (TEC)

Radon Sensor, Universal Input & Wet Heating System Monitoring

Environmental Sensors

Fire & CO Alarms

CURRENT OFFERING

COMING NEXT

Continued Expansion

Technology Enabled Care (TEC)

OK Button

- Allows occupant to confirm they are OK and do not require assistance

Not OK Button

- Allows occupant to request assistance

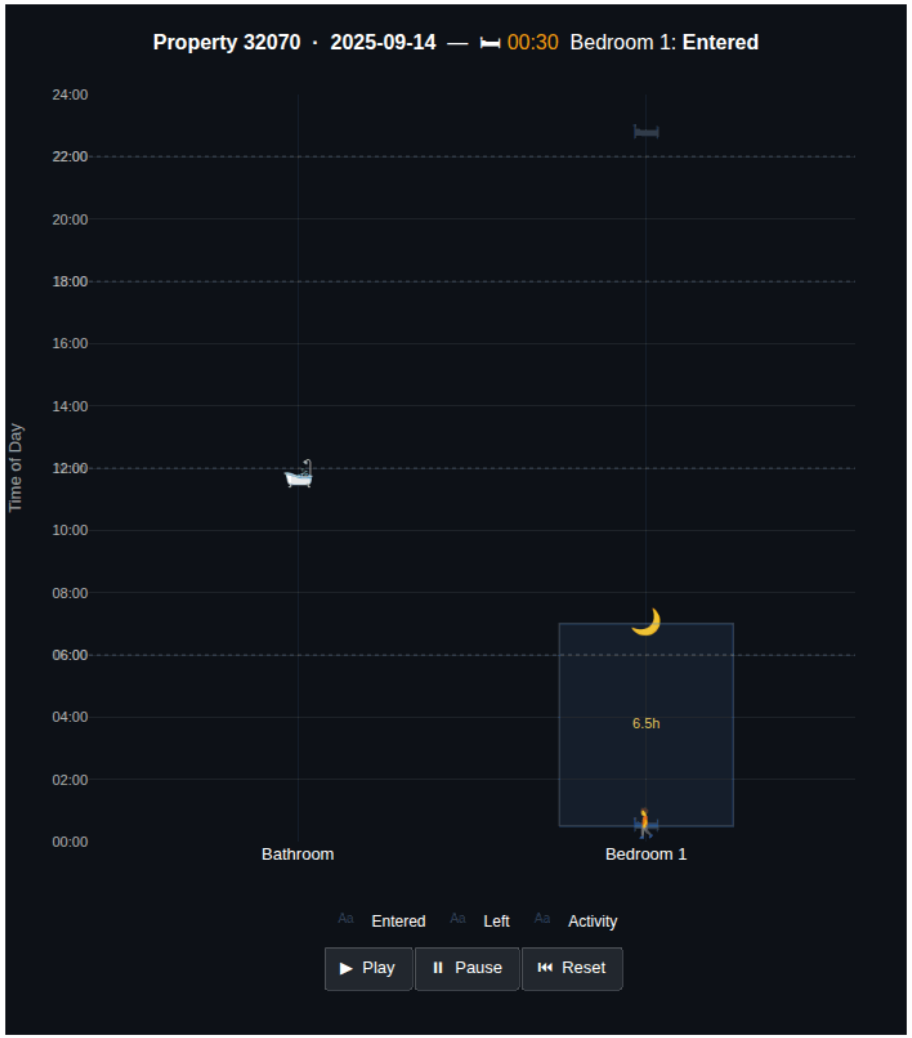
Pendant

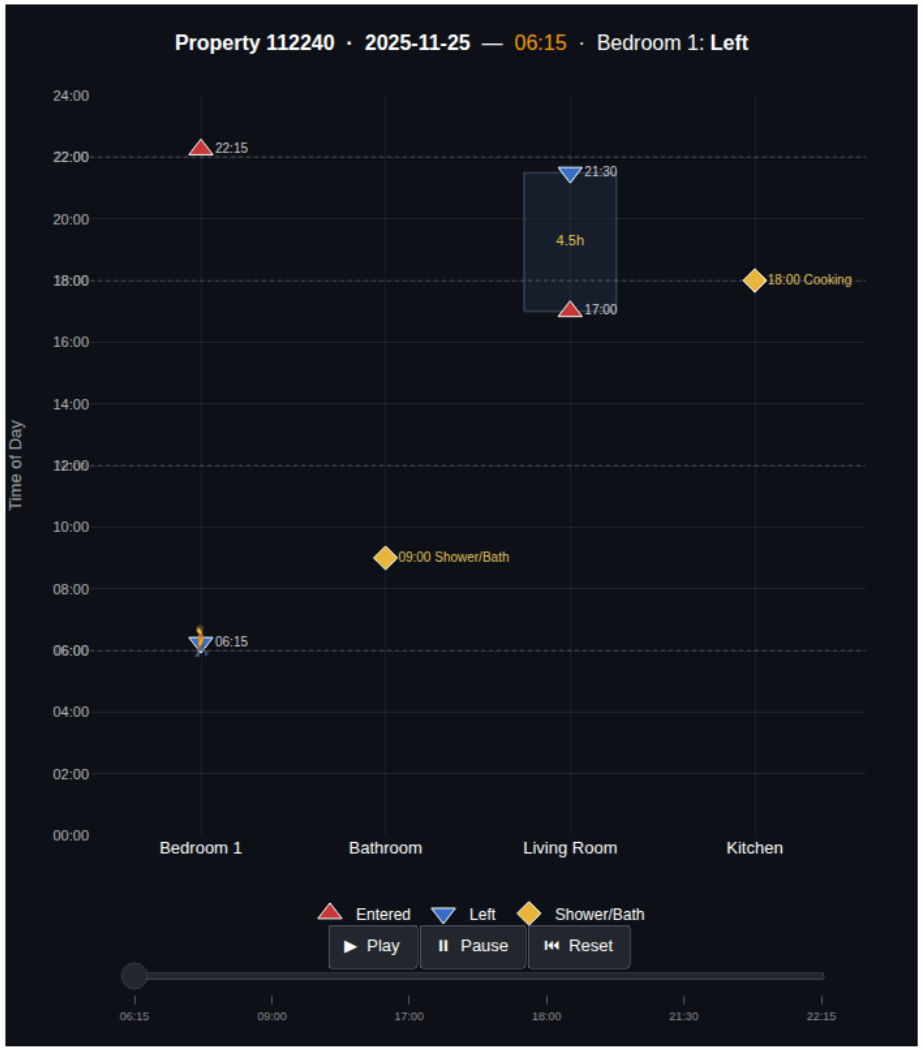
- Allows occupant to request assistance
- Wearable

Environmental Sensor Data

- Analyse data trends from resident (e.g. CO2 – movement)
- Flag when ‘out of the norm’

Tracking events with Co2 and Humidity

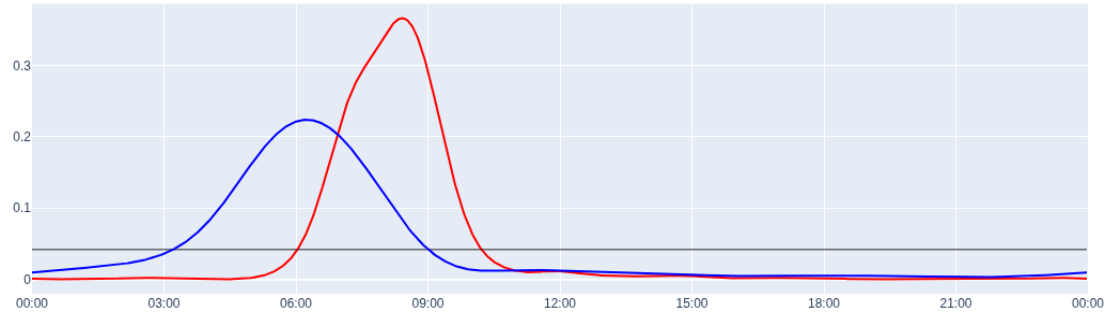




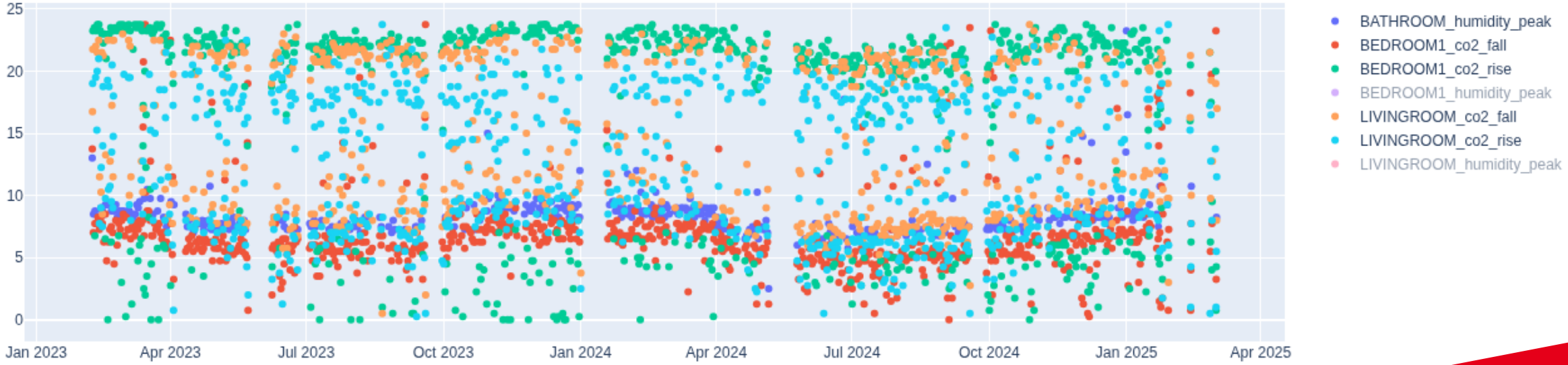
Pattern Of Life

For each event:

- Build a distribution of when the events typically occurs
- Build out a routine



Distributions of times events occur:
Blue – Leaving the Bedroom *Red – Bathroom Shower*

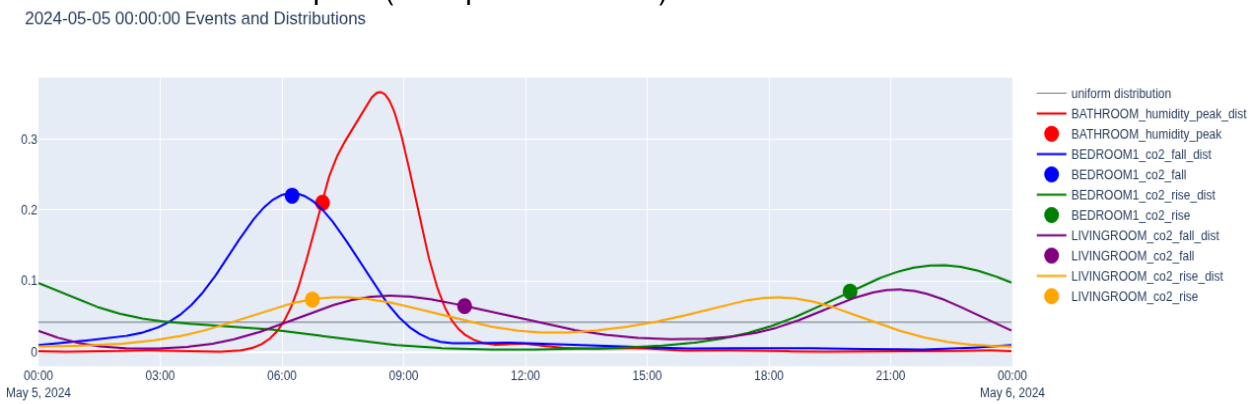


Pattern Of Life: Finding Anomalies

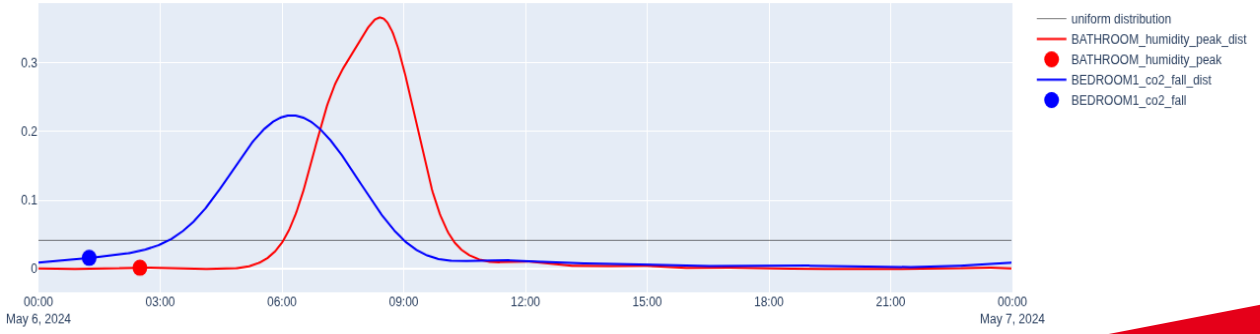
Compare every new day to the Pattern of Life distributions to get the probability of an event happening at that time.

For landlords, on the dashboard, we bring it all together to determine if the overall day is “unstable”, or if the behaviour is normal

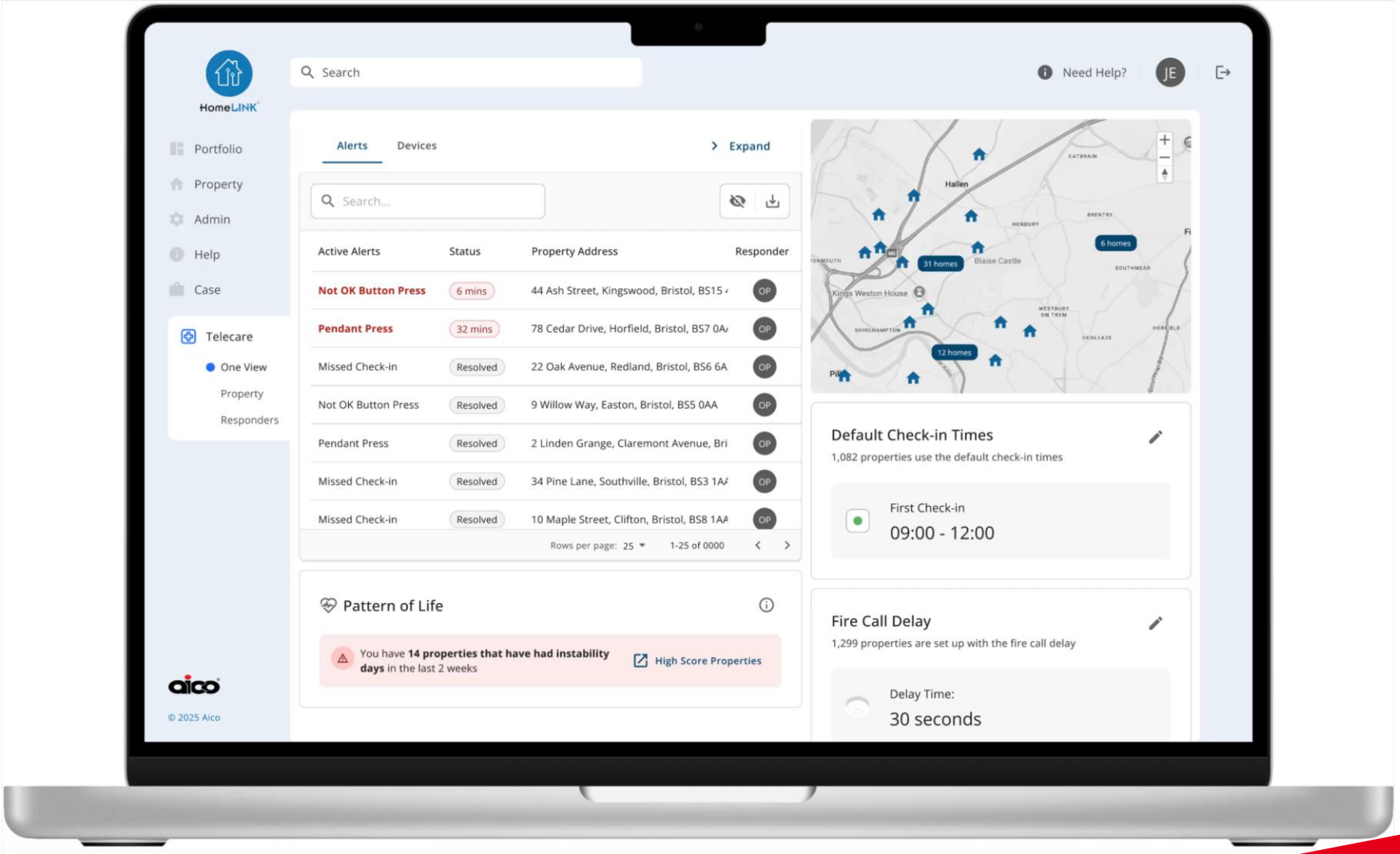
A **Normal** Day:
Events occur near the peak (most probable times)



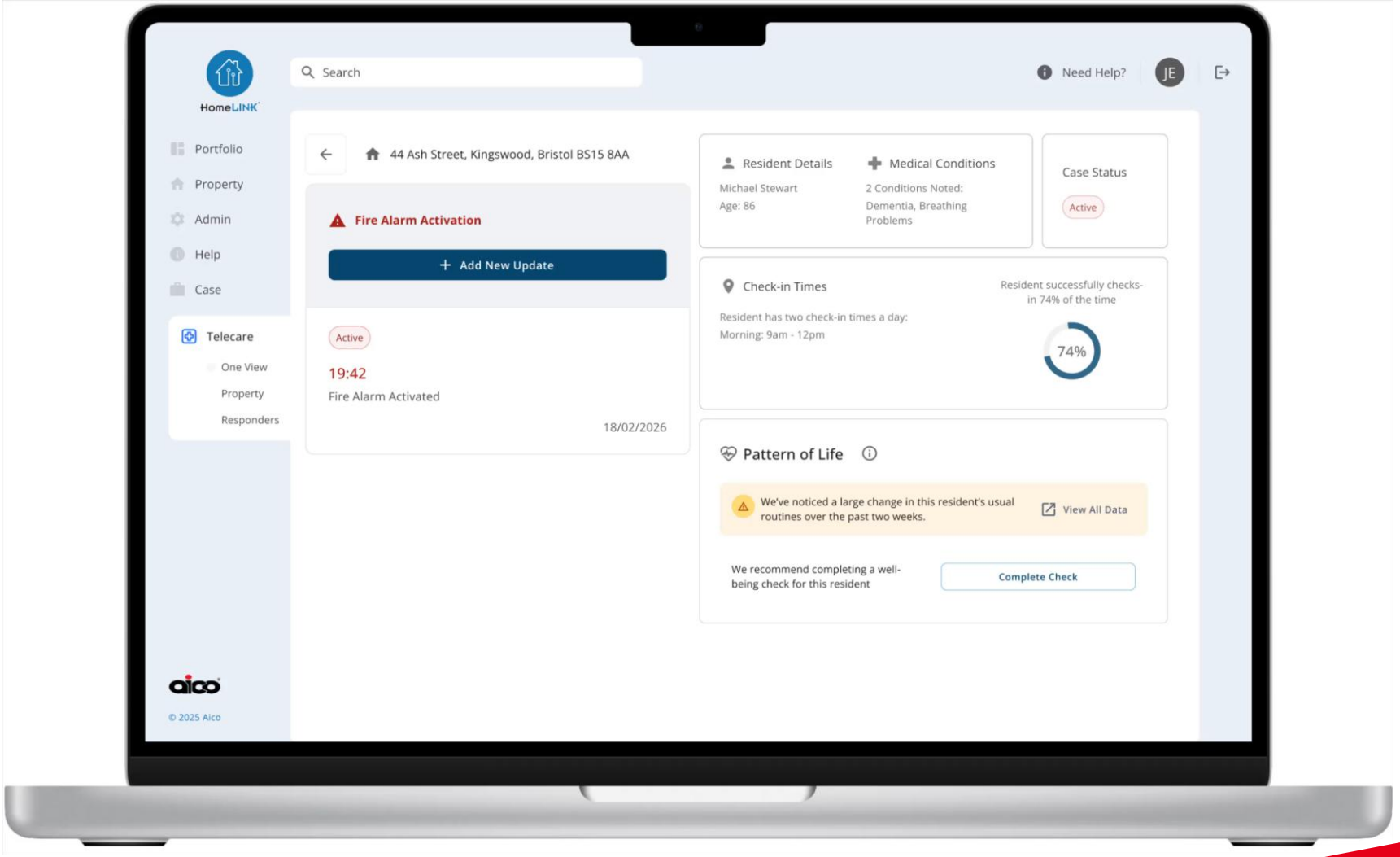
An **Unstable** Day:
Early morning activity is detected (outside expected window)



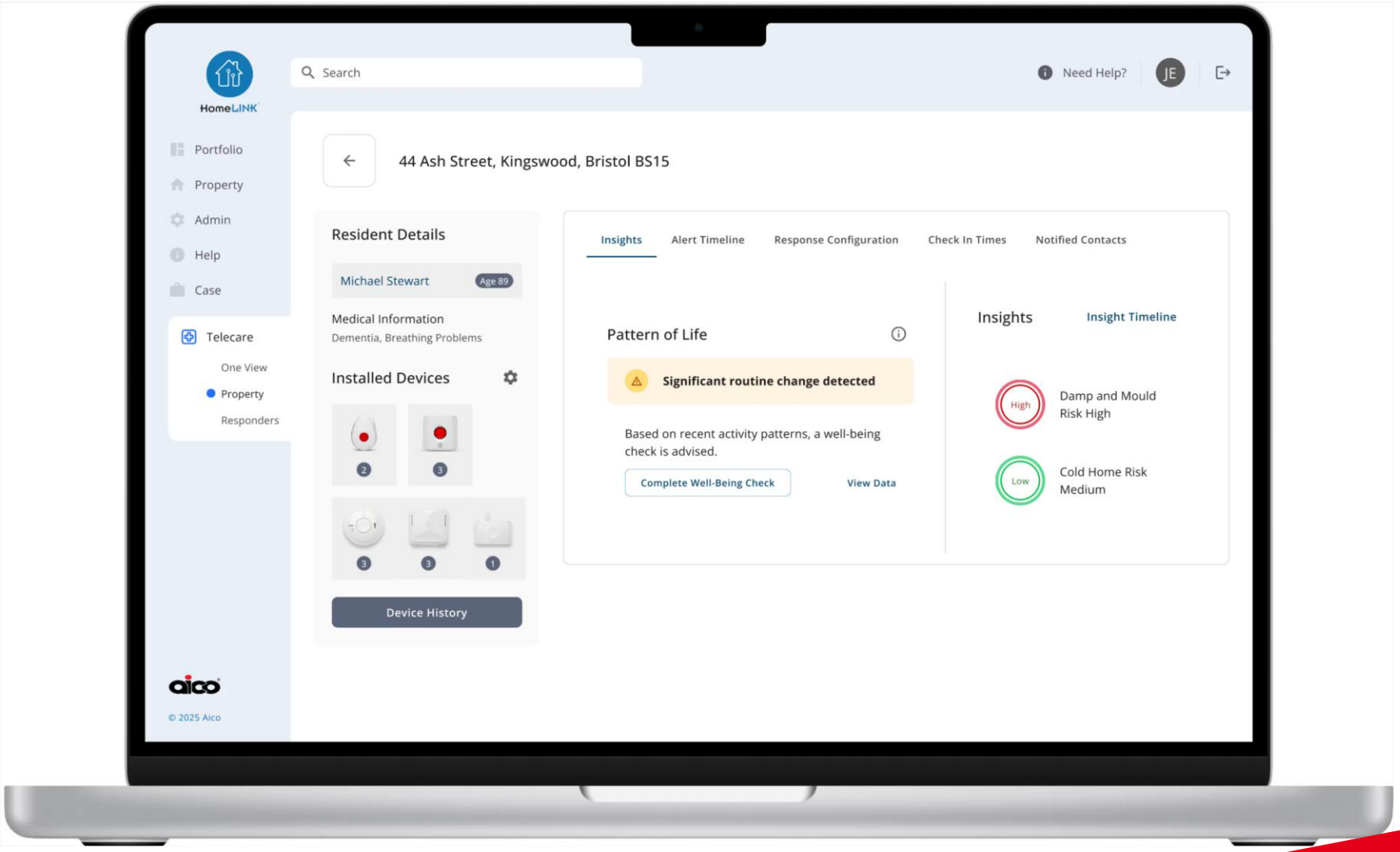
Device management



Transparency and follow-through



Easy escalation for safeguarding



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Thank You

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