

CASE STUDY

Comprehensive Caregiving Solution

Overview

John is an 88 year old man living alone in a 55+ community. Committed to aging in his own home, his family hired home health aides to care for him during the day. Alone from 8:00 PM to 7:30 AM, John's daughter recognized the schedule had created a caregiving blind spot – the overnight hours. She subscribed to envoyatHome to ensure her father's safety and wellness while he was alone.

Approach

In John's case, his daughter took a comprehensive approach to deploying envoyatHome, taking full advantage of the platform including its ability to monitor his home environment for dangerous temperature extremes and installing remotely controlled door locks so she could use envoyatHome to unlock the door for a first responder or lock the door when John forgets.

Results

In the first few weeks after installation, envoyatHome uncovered a number of significant behaviors that had been invisible to John's family.

- **Multiple instances of John leaving the home and wandering when unattended at night**
- **Consistent day / night confusion**
- **Sleep disruption, leaving the bedroom and pacing during overnight hours**
- **Unusually sedentary behaviors in the early evening**
- **Wide variations in overnight toileting frequency**
- **Forgetting to lock the door, forgotten keys, lockouts**
- **Inconsistent opening of the refrigerator where his nightly hydration was stored**
- **An incident where the ambient temperature in the home rose dangerously high while John was sleeping**

None of the behaviors above were observed when John was attended by his aide. John's physician used the envoyatHome data to make a number of diagnoses and treatments, including a formal diagnosis of dementia and treatment for a urinary tract infection. For the instances where John or his aide had been locked out of the home,

John's daughter used envoyatHome to remotely unlock the door. John's family increased the number of hours of John's aide support, had the HVAC system serviced, gently revoked his driving privileges and continue to use envoyatHome, including to control the door locks – peace of mind that they can remotely unlock the door for a first responder.

Conclusions

Symptoms of cognitive impairment are often masked when the senior is attended. Family caregivers are hindered by these blind spots, often resulting in safety, wellness, cognitive decline, and home environment risks that go unmitigated until an acute event. envoyatHome replaces caregiving guesswork with data so families can make the best possible care decisions on their loved one's behalf.