



## WATER SENSOR DIVERTS DISASTER: A CASE STUDY

### THE LEAK

One fall night, Ken Nichols woke to an alarm coming from the Alula home security panel. He quickly noticed that a flood and temperature sensor in the basement had generated the alert.

He jumped from the bed and headed downstairs. On the way to the basement door, he saw water across the kitchen floor. Ken continued down into the basement for the water shutoff valve.

“When I got to the basement, there was a trickle of water coming from the ceiling,” Ken said. “I shut off the water and my girlfriend and I grabbed mops and towels and began drying the kitchen and basement floors.”

### THE PROBLEM

Later that day, the cause of the problem was identified - A clogged drain in the kitchen, which had resulted in a substantial leak. A plumber was able to quickly clear the drain and the problem was resolved. If not for the water sensor and Alula smart security system, this problem could have quickly turned into a time-consuming and expensive cleanup.

## HOME LEAKS BY THE NUMBERS

**37%**

The % of homeowners  
who will claim water  
damage losses

**250 gal.**

How many gallons of  
water can leak in one  
day from an 1/8-inch  
crack in a pipe

**\$7,000**

The average cost of a  
home insurance water  
damage claim

## THE COST OF HOME LEAKS

"We had a \$300 bill for the plumber," he said. "We're lucky we had a water sensor as part of our Alula home security system. Otherwise, we might have had thousands of dollars in damage if we hadn't been alerted to the problem before coming downstairs in the morning."

Ken's right. Insurance providers say water damage is the leading cause of homeowner claims. The annual cost to insurers from water damage and resulting mold tops \$2.5 billion.

## THE SOLUTION

When people think of home security systems, thoughts tend toward smartphone-controlled locks, video doorbells and information-packed display panels. But sensors play a crucial role in any system, alerting residents to windows being smashed and other home intrusions. Life safety sensors warn of smoke and carbon monoxide, while other sensors detect extreme temperatures and water leaks.

The flood and temp sensor used in Ken's New Jersey home detects water at one-sixteenth of an inch in depth. Timely alerts from the Alula smartphone app and system touchpads bring problems to your attention so that you can take action quickly before significant damage occurs



## THE BENEFITS OF HOME SENSORS

In addition to the sensor under the water heater in his basement, Ken has water sensors on his main floor underneath the kitchen sink and under the washing machine. Because of his recent experience he plans to add a few more water sensors to his Alula smart system, "I've learned from recent experience that these sensors can save a lot of time and money. I'm planning to add them under my bathroom sinks and behind toilets. The cost is minimal compared to what I could be paying in home repairs."

## SENSORS AS PART OF AN ALULA SMART SECURITY SYSTEM

Water sensors are a great addition to any Alula smart security system. When used in conjunction with life safety sensors (smoke and CO detectors), activity sensors (motion detectors, door and window contacts, glassbreak detectors, and more), and indoor and outdoor cameras, you can create an effective and economical shield around your home that helps keeps your family and assets safe and protected.

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