



## Wireless Sensors Use Case: Retail Stores

### The Problem:



Monnit was contacted by the manager of a small retail store. They came across our products and believed we could help solve a few issues they were having at their store. Recently they had an after hours plumbing leak in one of their storage areas which caused water damage to some of their inventory. They realized that there was no existing way for them to know about these types of issues, until they are discovered by an employee during business hours.

The company wanted to implement a reliable water detection and temperature monitoring system, that would alert their staff if water was detected or temperatures throughout their store were fluctuating to far out of range.

### The Solution:



Monnit provides a reliable remote monitoring solution that includes wireless water detection sensors and temperature sensors as well as a variety of other useful sensors. The company deployed wireless water detection sensors in their inventory storage areas as well as around plumbing in their water heater closet and bathroom. They also deployed a handful of wireless temperature sensors around their store to track temperatures.

The sensor data is sent wirelessly to a MonnitLink™ gateway located in the back of the store. The gateway sends the information to iMonnit™, the online sensor monitoring system. The wireless water sensors detect the immediate presence of water and the wireless temperature sensors were set to take readings every 60 minutes. Notifications were setup to alert the manager and a few staff members via SMS text message if any water is detected or if there is a fluctuation in temperatures.

