

WaterCompass

THE CASE FOR LEAK AND FLOW MONITORING

Leaks can and do happen at any time. While some leaks are obvious, others manage to stay hidden for a very long time, causing significant damage and racking up high water bills before they're discovered and repaired.

WaterCompass from HydroPoint is a leak and flow monitoring solution that provides detailed data, analysis and alerts about how much water is being used. The solution was created because it's really not a question of if there will be a water leak somewhere in any particular building – rather, the question is when.

Leaks take numerous forms. Below are real world examples of how WaterCompass can detect and monitor different types of leaks.



SLOW LEAK

The manager of several Texas-based apartment complexes was frustrated over a slowly increasing water and sewer bill at one of the company's sites. At first he thought that perhaps the current set of tenants was simply a water-hungry group. As the bill continued to slowly climb from \$12,000 per month to \$17,000 per month, however, he knew something had to be done.

WaterCompass was installed and a leak was discovered right away inside the vault of the backflow preventer. When repairs were completed, average daily usage per apartment declined from 162 gallons to 124 gallons, and **the monthly bill declined by \$4,000 per month.**

IT'S NOT A QUESTION OF 'IF' YOUR SITE WILL HAVE A LEAK,
IT'S 'WHEN'.



CATASTROPHIC LEAK

A small commercial building installed WaterCompass for the purpose of monitoring the main domestic water meter.

Less than a year after installation the daily alert level was exceeded, sending an immediate alert to key personnel.

Building engineers tracked the excessive usage to an underground leak caused by a broken pipe line. For every day the leak went unnoticed, the company would have needlessly spent nearly \$1,400.



COOLING TOWER MALFUNCTION

WaterCompass was installed on a 350,000 square foot suburban office building in the Southeast. Within days it detected water usage that exceeded alert levels by 40,000 gallons. Both the Building Engineer and Operations Manager were notified in minutes, one by text and one by email according to their preference. It was quickly determined that the valve controlling make-up water to a cooling tower had malfunctioned.

The continuous overflow of water was running at a rate that would have cost nearly \$550 for every day it was left undetected.



PROACTIVELY MANAGE YOUR WATER



With WaterCompass, analyses can be easily conducted on any site, and side-by-side comparisons can be made across an entire property portfolio. Careful management makes it possible to meet or better budgets. Continuously measuring domestic, irrigation and cooling tower water meters and alerting the appropriate personnel to excessive or abnormal use in real time can stop uncontrolled water loss, conserving precious resources and saving both time and money.