Building Management

Symmons Evolution®

Reduce operating costs with the easy-to-install system that pays for itself by locating water temperature issues, leaks, and wasted water in your properties



EVOLUTION AT A GLANCE:

- M Humidity Monitoring
- √ Leak Detection



EASY TO INSTALL

Self-installs in under 2 hours without system shutdown.

EASY TO USE

Monitor your building from anywhere.

EASY TO BUY

Low monthly subscription with no-cost updates.



THE BIG PICTURE - Evolution's scalable sensors alert you to catastrophic and chronic water issues so you can react fast and save your budget. Locate wasted water to avoid shocking water bills, be alerted to active leaks before costly property damage is done, and catch water temperature spikes and drops before guests/tenants complain.

PLUG AND PLAY - Evolution's non-invasive sensors means no system shutdowns or cutting pipes. And its dedicated on-site wireless network equals no third-party monitoring or reporting fees—all of your building's information goes directly to your Evolution Dashboard, and mobile alerts go directly to your team for faster response time.

HIGHLIGHTS FROM THE FIELD

Evolution was installed at a large shopping mall, with sensors on the main water line that feeds the entire property. Within four days of installation, Evolution identified a wasted water pattern that amounted to 10 gallons per minute for eight hours every night.

The breakdown of the ongoing cost of this previously unknown leak speaks volumes about Evolution's return on investment:

- 400 cubic feet of wasted water per day charged for water and sewer costs
- \$4,138 water cost per month for undiscovered leak at cooling tower
- \$49,665 water cost per year for undiscovered leak at cooling tower

Evolution in Your Property



2. INSTALL SENSORS

Temperature, Flow, Usage, or Leak Detection

3. SCAN QR CODES

Easily add your sensors to the Evolution platform



Scan code and Evolution does the rest





4.IDENTIFY SENSORS

Add names and locations to your sensors through the Evolution app

5. ALL SET!

Evolution tracks data and alerts you to leaks, chronic temperature issues, wasted water, and wasted revenue.

Unboxing Evolution



TEMPERATURE MONITORING

Non-invasive, strap-type sensors are compatible with multiple piping materials and transmit data to the Evolution Dashboard.

These wireless sensors for domestic hot water and HVAC systems measure the water temperature inside the piping to detect peaks and valleys that lead to guest or tenant complaints.



WATER FLOW MONITORING

Ultrasonic non-invasive sensors clamp onto various piping materials in sizes from ½-inch up to 8-inch diameter.

Water flow sensors constantly measure flow rate to locate costly unseen wasted water that would otherwise go unnoticed.



USAGE REPORTING

External non-invasive sensors report strap to municipal and private utility meters to send time-tracked data to the Evolution Dashboard.

Water utility meter sensors report true water usage to identify wasted water or to reveal faulty or inaccurate meters that lead to high water bills.



LEAK DETECTION

Specialized flexible rope-type leak sensors placed strategically throughout key property locations.

Evolution's unique leak detection sensors have variable sensitivity and can prevent costly property damage due to leaking equipment or seeping groundwater.



DEDICATED NETWORK

The epicenter of the Evolution platform is its Gateway, which self-installs and creates its own dedicated LoRa® network that's stronger and more stable than traditional Wi-Fi.



EMAIL/SMS ALERTS

Evolution sends real-time notifications when your customized alert thresholds are reached or when a leak is detected.



24/7 EMERGENCY CALL CENTER

Evolution can also alert your property or staff directly 24/7 for any detected system emergencies.



