



Protect your Properties with Dtection Systems

The Problem

Water represents a very costly threat to real property...not only from catastrophic leaks but from the silent leaks that result in mold and deterioration of structural integrity.

Last year alone, insurance claims for damage from water leaks exceeded \$23 billion.

If you have ever heard about, witnessed or experienced the damaging effects of an unexpected water intrusion, you know the importance of a quick response to correct the problem. Minutes matter. Delays mean dollars. The longer it takes someone to discover a water leak, the more damage it will cause. A flood beginning on the 5th floor can quickly travel down until it reaches the 1st floor lobby—having damaged everything in its path..

Many of today's forward-thinking property managers consider Dtection products to be the most reliable, cost-effective way to minimize the threat of water damage.

"Over the past 7 years, I have been researching every type of early warning and/or leak detection device...none of the devices researched met the needs of the University until I was introduced to Dtection."

Joseph R. Ramero
Senior Project Manager, UCSD

Let Dtection help you minimize the threat of costly water damage to your valuable property.

Dtection products have been enthusiastically received and are installed in many different types of buildings such as:

- Office Buildings
- Retail Complexes
- High Rise Condominiums
- Educational Institutions
- Research Facilities

A typical Dtection configuration consists of two types of components (Base Stations and Detectors) and a Central Server. Up to 32 Detectors placed in various locations can be assigned to one Base Station which communicates with the Central Server. When a water makes contact with a detector, the following chain of events occurs:

1. The detector sounds an alarm.
2. A wireless signal is sent from the detector to the Base Station.
3. The Base Station makes up to 9 phone calls delivering a customized, pre-recorded "Call to Action" message requesting recipients to immediately in-



Dtection Base Station and A Detector

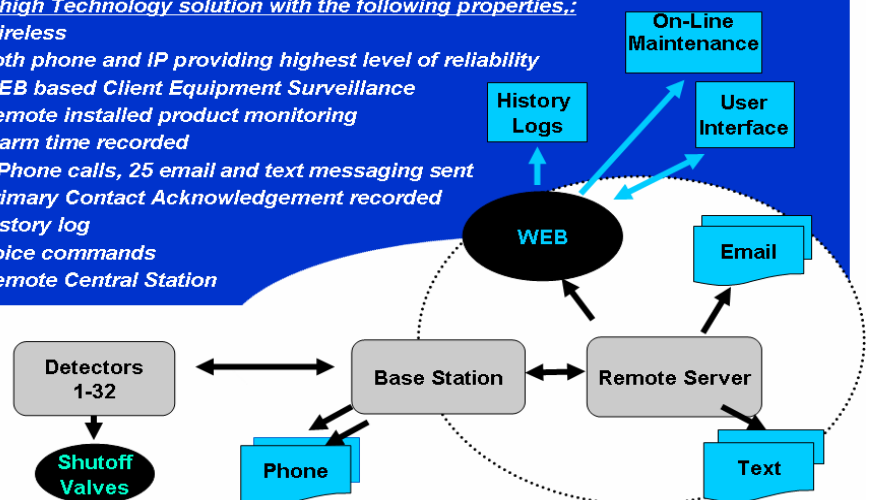
investigate the area where the water was detected.

4. The Base Station also calls Dtection's Central Server (a web-accessible computer) which dispatches e-mail and text messages indicating the date, time and exact location of the water intrusion. The Central Server will contact up to 25 recipients.
5. The Central Server continually updates the web-viewable "building profile" with information about the water incident and its resolution. The Central Server also displays real-time information about the locations of all Dtection equipment. (over for details)

What Makes Dtection Unique?

A high Technology solution with the following properties.:

- Wireless
- Both phone and IP providing highest level of reliability
- WEB based Client Equipment Surveillance
- Remote installed product monitoring
- Alarm time recorded
- 9 Phone calls, 25 email and text messaging sent
- Primary Contact Acknowledgement recorded
- History log
- Voice commands
- Remote Central Station



The Shadow's Web View Provides the User with Real-time Information About Each Location Being Monitored by Dtection

The Shadow's web view below shows the status of each Base Station and its associated detectors on seven floors of an actual commercial high rise building. Notice the alert on the 27th floor Base Station.

Green = Good Yellow = Caution Red = Alarm

Base Station Listings (32)

Base Station Name (Serial Number)	Health Status
21st floor Base Station in phone room	●
22nd floor Base Station in phone room	●
23rd floor Base Station in phone room	●
24th Floor Base Station in phone room	●
25 th floor Base Station in phone room	●
26 th floor Base Station in phone room	●
27th floor Base Station in phone room	●

The Shadow's web view below shows the status of all of the Dectors associated with the suspect 27th floor Base Station. The detector in the Men's Rest Room Urinal has a Low Battery condition (yellow light). Users with the proper password can track water alarm conditions, evaluate response activity, monitor the operational functionality of all detectors, and edit alarm-response procedures.

Detector Connected to 27thFloor Base Station in phone room (9)			
Detector Name (Serial Number)	Battery	Communication	Alarms
27thfloor phone room (00020354) EDIT	●	●	●
27thfloor phone room (00020297) EDIT	●	●	●
27thfloor mens restroom sink (0002007E) EDIT	●	●	●
27thfloor mens restroom urinal (00020276) EDIT	●	●	●
27thfloor mens restroom toilet (00020074) EDIT	●	●	●
27thfloor janitors closet (00020246) EDIT	●	●	●
27thfloor stairwell # 2 (0002020A) EDIT	●	●	●
27thfloor womens restroom sink (0002001A) EDIT	●	●	●
27thfloor womens toilet (00020280) EDIT	●	●	●

● Alert (Action Required) ● Alarm (Action Required) ⌄ View Details (History) ● Good Health (No Action Required)

The Shadow

The Shadow, an extension to the Dtect-100 water detection system, is a web-based portal that gives the building manager or maintenance supervisor a real-time look at all monitored locations within his installation.

The Shadow's Web View is unique in the industry. It essentially provides all the information necessary to minimize the threat of water damage in a building or complex of buildings where Dtection is installed.

Users can enter their password to access the Shadow's Web View of their installation's profile which contains real-time information 24/7 about each location being monitored by Dtection equipment.

Whether the installation encompasses a single building or multiple buildings in different locations, users can track water alarm conditions, evaluate response activity, monitor the operational functionality of all detectors, and edit alarm-response procedures.

But why have water detectors unless you know that the equipment itself is working for you 24/7? The Shadow's web views at the left show the status of all Dtection locations on floors 21 to 27 of an actual high rise commercial building. In the top view, the yellow light indicates an alert on the 27th floor Base Station (which could have detectors monitoring up to 32 locations). By clicking on the 27th floor, the user can see that there is a low battery alert on the detector located in the men's rest room near the urinal (bottom left). Even if the user had *not* noticed this problem, the base station would have informed him by email!

Don't Risk Costly Water Damage

Dtection minimizes the threat of costly water damage. Call today 858-277-3457 and have one of our representatives provide you with a proposal. A Dtection system will usually pay for itself by limiting the loss due to water damage in just one incident.

PROPERTIES PROTECTED BY DTECTION SYSTEMS

