

water sense



WATER MANAGEMENT SOLUTIONS
FALL 2014

It's Time to Stop Wasting and Start Saving Water, Time and Money

In the search for a central control, irrigation management system to assist the city irrigator in being more efficient, the City of Highland Village, TX researched various manufacturers and found that Calsense met department needs the best because of its power, flexibility and ease of use.

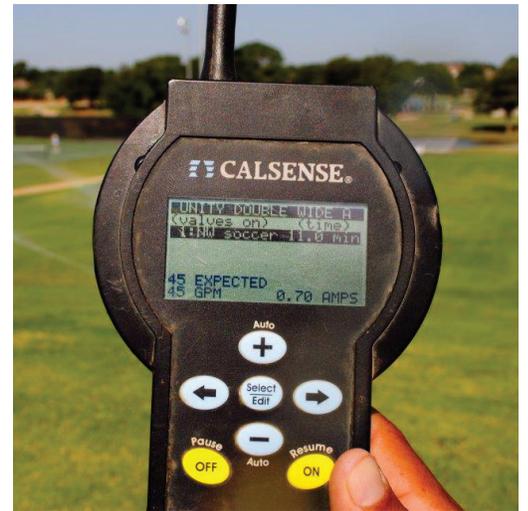
One of the most effective sells to management in converting to Calsense is the fact that any organization will save water and time immediately, and thus money upon installing and implementing Calsense, if one utilizes the technology to full capacity!

Between the controller automation, powerful flow monitoring, flexible communication capabilities, radio remote, and the weather monitoring benefits, a highly intelligent central control irrigation system becomes one's right hand in the field!

A favorite feature is the wireless radio remote that works with all Calsense controllers within the system. It is very helpful for new project walkthroughs because it eliminates the need for the irrigator to walk back and forth to the controller when performing inspections in search of field problems. The user is able to roam freely without worry that the "zone test" is going to expire. The remote displays line flow which comes in handy when a large break or a leak occurs yet there are no



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visible signs of irrigation occurring. The remote indicates flow in GPM so one knows there is water flowing somewhere!

Here are words to live by in the irrigation profession, "one can't manage water and labor without having the proper tools to do so". Calsense automatically conserves water by using daily ET values to calculate station run times and watering to plant needs, and by providing a list of 'last night's alerts' on each problem encountered. Valves with high flows are shut off automatically and can be addressed the same day instead of waiting for routine inspections that may occur weeks later. In addition calls from local residents' reporting problems fall away.

Another fail safe selling point; take any situation and add up the amount of time it takes for an irrigator to detect and solve an irrigation problem. Let's say a small city has 20 controllers each with 20 zones. Performing a biweekly test

on each of the 20 zones on each controller equates to 400 minutes or 6 hours and 40 minutes, not counting drive time, flagging of issues, fuel driving to each site, wear and tear on the vehicle and wasted water from testing each zone. This basically uses up one entire day just testing valves. What about the actual amount of water wasted when valves run with broken sprinkler heads for the full programmed time, week after week?

Converting to Calsense will automatically reduce the time spent trying to figure out if irrigation systems are operating correctly by providing a morning, diagnostic report. These alerts let the irrigator go directly to the problem site and fix it the same day. There's no need to wait for a resident to call in or for the irrigator to make rounds testing zones. Technology becomes a proactive solution and a win-win for everyone!

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