

CITY OF FORT MORGAN – PARKS DEPARTMENT FORT MORGAN, COLORADO

OVERVIEW

The Parks Department in Fort Morgan, Colorado manages 15 individual locations encompassing over 72 acres of turf grass, trees, flowers and shrubs. Included in their turf grass areas are various sports fields for baseball, softball, soccer, football and other open areas that have high usage.

CHALLENGE

The Parks Department was looking for a central system that would help them manage their widely spread out park system and ultimately, save water.

They wanted a system where they could easily access all of their field controllers across the entire city from various locations. In addition, they preferred a system where they could communicate between all their field controllers in the city.

SOLUTION

Signature recommended the Parks Department install:

- eCONSTELLATION™ online central
- CONSTELLATION® field controllers with patented peer-to-peer technology
- License-free, digital radio communications

RESULTS

Central: Do Anything ... From Anywhere™

The eCONSTELLATION online central control system allows control over the water schedules and programming from the office, home, or anywhere in the world there is access to the internet. According to Doak Duke, Parks Foreman, “eConstellation is an excellent tool!”

Duke continues, “eConstellation is a huge advantage for us in terms of both time savings and water savings. For example, we might get a rain shower at 9 p.m. on a Friday night. In the old days, we could do nothing, or we would have to drive into town and go to every controller to suspend the irrigation cycle. With eConstellation, I can log on from home and in less than 2 minutes put all the controllers into rain shutdown.”



Riverside Park – Fort Morgan, Colorado

Satellites: Do Anything ... From Anywhere™

With digital radio communication between all the field controllers and Signature’s patented “peer-to-peer” communication protocol, the Parks Department now have the capability to make field controller changes from anywhere, even from any other field controller, even one in a different park.

A Maintenance Radio in Every Cell Phone

Another benefit for the Parks Department is that they can use their cell phones as maintenance radios, even without a traditional central (as their central is a web-based eCONSTELLATION).

From any cell phone – with a call to a single phone modem installed in the controller network – they can manually run zones or troubleshoot sprinklers to check on dry spots, on any field controller in the parks department. According to Duke, “this is a huge time saver for us. We just use our phones for troubleshooting and there is no reason to continually go back and forth to the controller.”

Continues Duke, “with the cell phones as maintenance radios, we have no FCC license to worry about and no expensive handheld radios to purchase. Any cell phone becomes a maintenance radio.”

continued



City Park – Fort Morgan, Colorado

The CONSTELLATION field controllers allow use of a cell phone to do almost anything you can do by being at the controller ... put the controllers into rain shutdown, run a zone, start a program, or manually step through a program.

“In the hot, summer months, we find we are using our cell phones continually in order to stay on top of keeping the parks green and playable for the kids! It’s a real time saver,” says Duke.

CUSTOMERS

Matt Givens, Parks Superintendent
Doak Duke, Parks Foreman

COMPLETION DATE

June 2007

SIGNATURE PRODUCTS

- e CONSTELLATION™ Online Central
- CONSTELLATION® Field Controllers
- License-free, Digital Radio Communications
- Landline Phone Modem

SIGNATURE DISTRIBUTOR

DBC Irrigation Supply

“The ease of programming with eConstellation is just amazing.”

– Doak Duke, Parks Foreman