

Pipe Lines

A SCADA-focused Newsletter from Data Flow Systems
Issue 9, 2021



DFS Releases New Digital Monitor Module

Data Flow Systems is releasing the new Digital Monitor module, DMM003. This third-generation module uses smaller, surface-mounted components. This leaves “real estate” on the board surface to allow for more functions. It has several features that result in a more flexible product that can better adapt to solar and pulse-counting applications while still providing solid, dependable, digital monitoring operations.

Solar-powered RTUs frequently do not require 24-7 communications. Therefore, when used with our DFP communications protocol, the DMM003 offers a “sleep mode” to minimize power consumption.

Two of the twelve monitor points on the module can be configured as pulse-counting points. We’ve improved the pulse count frequency and pulse counts will continue to accumulate even in the sleep mode.

The DMM003 has a feature that it shares with all DFS products. The first rule governing all new DFS devices is that they must be downward-compatible so that users of mature systems can take advantage of the newer technology without having



Renewing an Old Friendship

This month, DFS began an upgrade to the water distribution SCADA system in the City of Delray Beach.

Aside from additions, a server and free software updates, this is the first major change to the DFS radio telemetry system in Delray Beach in over 30 years! But due to the architecture of our system and our ever-present pledge that new products and developments will always be designed to be downward-compatible (mature systems will not require major overhauls to take advantage of newer technologies), we will be able to accomplish this upgrade while still utilizing the basic backbone of the city’s system.

Since the early 1990s, about 70 water RTUs have operated on the UHF radio band that, in recent years, has been plagued by overcrowding. The system upgrade uses a new, VHF radio frequency and replaces all water RTU radios and antennas in the system. A Forwarding Terminal Unit (FTU), that has been installed on an elevated storage tank, will facilitate rapid, interference-free communications for the city’s water department.

DFS Sales Rep Donates Art Work to Hearne, Texas



When he heard that the City of Hearne, Texas was looking for donations to decorate the walls of their new Public Safety Building, DFS' Texas Business Development Manager, Ramon Maza, thought he could help.

It turns out that when he’s not promoting DFS SCADA systems, Ramon is an amateur artist. He offered two of his oil paintings to the cause. He and former city manager, John Naron, posed with his donations.

Now that we know about Ramon's artistic talent, we just might tap him for our own headquarters.

DFS will be exhibiting at:

Texas Municipal League
109th Annual Conference and Exhibition
George R. Brown Convention Center

to redesign their basic systems.

Houston, Texas
October 6 - 8, 2021



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It's all about our customers.