

Pipe Lines

A SCADA-focused Newsletter from Data Flow Systems
Issue 6, 2021



HyperTAC Unaffected By Internet Outages

You may have read recently that many world-wide Internet sites were temporarily disabled, causing mayhem among those affected. The disruption was caused by a widespread failure at Fastly, a cloud service provider and major Internet content delivery network. Along with thousands of individual users, the outage affected major platforms like Amazon and Target, news sites like CNN, the Guardian and the New York Times, and popular sites like HBO, Pinterest and Reddit. It even disabled Gov.uk, the website of the United Kingdom.

The architecture of our HyperTAC System uses the Hyper SCADA Server—the HSS—where all central site functionality takes place. The HSS and its crucial operations are securely stored at the customer's site along with all essential, accumulated data. Communications between the central and radio-based RTUs are equally secure and take place over FCC-licensed radio frequencies. The overwhelming majority of DFS customers utilize this reliable system architecture and their crucial operations are not vulnerable to Internet disruptions.

DFS Calendar of Events

Come visit DFS at:



DFS Reaches New Milestone

Data Flow Systems has officially reached "middle age."

Forty years ago this month, CEO Tom Smadris and CTO Brent Saunders launched DFS in a tiny office space,

upstairs from a beauty salon, in downtown Melbourne. It was there that the tenets of the DFS product line were established: the system design would be kept simple; it would be user-friendly; it would offer tenacious reliability; the design would resist obsolescence; and we'd offer the best warranty in the industry.

Much has changed in the ensuing years. DFS occupies a modern, 31,000 square foot manufacturing facility in Melbourne's industrial district and, as of 2021, DFS is the largest provider of radio and network-based SCADA systems in the southeastern United States. We have over 400 utility customers and more than 25,000 RTUs operating throughout the country.

We will continue to grow over the coming years. New leadership has been groomed to continue the doctrine established by the company's founders. We are grateful for the continued loyalty of our customers and the outstanding opportunity we have to serve the water utility industry.

Village Water System, Inc.



DFS and Village Water System are launching a new expansion to the utility's SCADA system.

Village Water System, Inc. is a non-profit, member-owned cooperative in Bossier Parish, Louisiana that provides potable water to approximately 12,000 citizens in the vicinity. The utility's web site states that they have eight well-fed water plants and 12 storage tanks, and they produce up to 30 million gallons of potable water each month.

Manager Sal Fayad said he'd be hard-pressed to keep the wheels on the cart without his SCADA system. "It allows me to be in two or three places at the same time...if not five. It provides me with more time to get things done."

With HT3 Mobile on his smart phone, it's a simple step to adjust tank levels during repairs and maintenance, or to tweak VFD controls to compensate for wells that may be temporarily out-of-service.

"I can access the system from anywhere," Sal added.

Florida Rural Water Assoc.
Annual Conference
Daytona Beach, FL
August 9-21, 2021
www.frwa.net

Village Water System continues to grow. Since 2005 DFS has installed RTUs at six pump stations, eight wells and four storage tanks. We are currently working with the utility to add SCADA to a seventh pump station. Thank you to Sal and Village Water System, Inc. for their long-term friendship and business.



We believe in doing a little extra.