Data Flow Systems

Pump Controllers

Our best seller
The all-in-one pump controller
TCU001
DFS Data Flow Systems
MADE IN USA

DFS is an industry leader in providing pump controllers for thousands of pumping stations installed and operating nationwide. The Telemetry Control Unit (TCU), a SCADA ready pump controller, is designed specifically for level management applications such as Sewer Pump Stations, Lift Stations and Water Storage Tanks.

Preconfigured to operate up to three fixed speed pumps, and incorporating most of the required control components, the TCU is easily installed and placed into operation without the need for PLC programming knowledge. The TCU is also customizable for advanced VFD control.

The TCU combines powerful pump control functions with advanced SCADA communications, or an Autodialer, to provide a powerful, price-competitive solution. The TCU includes a three-year, return-to-factory warranty that includes lightning damage.

SCADA Servers

Data Flow Systems is proud to introduce a revolutionary approach to the SCADA Server. Our Hyper SCADA Server is a self-contained, SCADA Server that is packaged in a protective wall-mounted enclosure.

This approach for a SCADA system isolates the critical remote equipment polling, data collection, storage, and information serving functions from the operator interface utilizing Client-Server Architecture. Data is readily available to operators, supervisors and managers throughout the utility, enabling them to make fast and effective decisions.

The Hyper SCADA Server offers the power and speed of networking, stability and reliability that you expect in a server and the versatility to expand your SCADA system without costly license upgrades. All SCADA Software upgrades are provided free of charge for the life of the system.

DFS Data Flow Systems

Cellular RTUs

A simple, effective, and low-cost solution for monitoring remote sites that a conventional radio-based SCADA system can't reach.

RDP180-C Cellular SCADA

Our RDP180-C cell RTUs enable utilities and companies with extended service areas to monitor their remote sites, especially in locations where a conventional radio-based solution is not a viable option.

SCADA • Radio Telemetry • Plant Automation • Instrument Calibration & Repair • Radio Studies
UL508 Panel Shop • Design-Build Engineering Construction • Rental Equipment • Flow Studies • Flow Meters
Gas Feed Equipment • Pump Controllers
Auburn, CA • Tyler, TX

HT3 HMI SCADA Software

The HT3 SCADA Software, like its predecessor HyperTAC II, combines graphics and data with the power of the Internet. HT3 was developed specifically for use in the water and wastewater industry and benefits from Data Flow Systems' many years of in-the-field experience. Its features are driven by the needs of its users. Over the last two decades, DFS software engineers have learned from the successes and limitations of DFS' previous telemetry software, TAC II and HyperTAC II. The result is a state-of-the-art Graphical User Interface (GUI).

Although the Graphical User Interface is the feature that impresses users the most, it's the reporting and alarm notification capabilities of the system that are important in day-to-day operations. Here again, over two decades of experience have matured these features into the essential tools of the system's operator.

HT3 was designed to work with DFS hardware as well as hardware manufactured by others. This flexibility enables HT3 to operate in an array of water and wastewater environments. For example, HT3 has been successfully used for elevated storage tank automation, reclaimed water irrigation systems, and in-plant process and control applications at water and wastewater treatment plants.

The HT3 HMI Software comes with so many great features including:

1. Free HMI software upgrades for as long as the server can handle the upgrades
2. Free technical phone support during normal business hours M-F for as long as the system is in operation
3. Unlimited Run Time Users
4. Unlimited Development Users
5. Unlimited Tags
6. Unlimited Historical Tags
7. MySQL Database Included
8. Reports Included
9. Trends Included
10. Auto-Dialler Software Included

New in HT3 is HT3 Mobile. HT3 Mobile is a streamlined version of HT3 optimized for today's smart phones. In HT3 Mobile, users will find all the essential tools needed for working in the field. The features provided in HT3 Mobile are: *Alarms • Screen • Reports • Trends • Station • Status • Help • Options*

Programmable Logic Controllers: Data Flow Systems Programmable Logic Controllers & I/O Cards

DIN-Rail Control System

The DIN-Rail Control System features a collection of exceptional "open architecture" DIN-rail mounted components designed specifically for remote control and acquisition applications.

Featuring a highly integrated modular design and support for industry standard Modbus ASCII, RTU and TCP protocols, RAIL components are ideal for use in all industries. All components may be used stand-alone or integrated with other components of the system.

The DIN-Rail Control System family of products includes a PLC with Ladder Logic and HMI Software, I/O "bricks", Network Conversion and Radios.

SCADA • Radio Telemetry • Plant Automation • Instrument Calibration & Repair • Radio Studies
UL508 Panel Shop • Design-Build Engineering Construction • Rental Equipment • Flow Studies • Flow Meters
Gas Feed Equipment • Pump Controllers
Auburn, CA • Tyler, TX