

DATAFLOW

RELIABLE & COST-EFFECTIVE SCADA
SYSTEMS FOR UTILITIES OF ANY SIZE

MADE IN AMERICA



RELIABLE & COST-EFFECTIVE DISTRIBUTED CONTROL SYSTEMS

Provided for Utilities of Any Size

Data Flow is recognized as an industry leader providing remote monitoring and control for water, wastewater, and stormwater utilities. Utilizing an end-to-end approach from design to implementation, Data Flow delivers reliable and cost-effective distributed control systems for utilities of any size.



Lift Stations



Wastewater Treatment Plants



Water Treatment Plants



Water Pump Stations



Stormwater Control Structures



Water Tanks

COMPETITIVE ADVANTAGES

A Manufactured System Versus Systems Integrator Approach



SYSTEMS INTEGRATOR

Manufactures the entire SCADA system with full responsibility of its functionality



Utilizes multiple third-party components with no guarantee for continued compatibility

Provides 24/7/365 service with all technicians as full-time employees



Installs custom system that requires support and service from multiple organizations

Designed to be easily operated and maintained by utility personnel with training provided



Must provide all maintenance and services—and charges accordingly

Incorporates a VPN maintenance portal to allow online, factory-assisted remote troubleshooting support



No remote access or support capability, requiring the client to pay on-site charges



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THE COMPLETE SCADA SYSTEM

Includes Hardware, Software, Integration, & Support

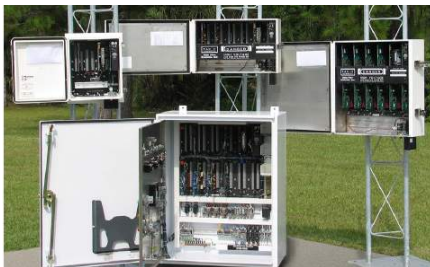


Telemetry Control Unit (TCU800)

An automatic lift station pump controller that supports the operation of up to 3 pumps using level input from floats and/or pressure transducers

HyperTAC HMI Software & Hyper SCADA Server

Browser-based graphical user interface with statuses, historical data, reports, and trending



200 Series Remote Terminal Unit

Modular "building block" architecture using a passive backplane that provides power, communications, I/O, and a PLC

Multiple Communication Methods

Secure and reliable radio, cellular and network communication

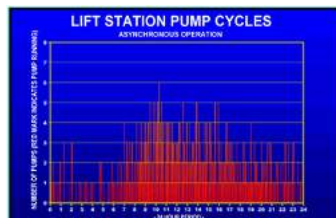
PATENTED & PROPRIETARY TECHNOLOGY

Provides Energy Optimization

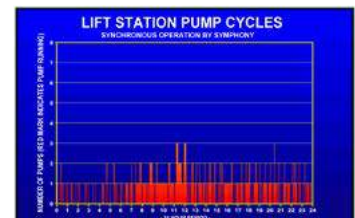


Coordinates the system-wide operation of sewer lift stations for the purpose of reducing force main pressures and equalizing flow into a wastewater treatment plant

Significantly reduces energy costs and provides a solution to daily peak-flow issues



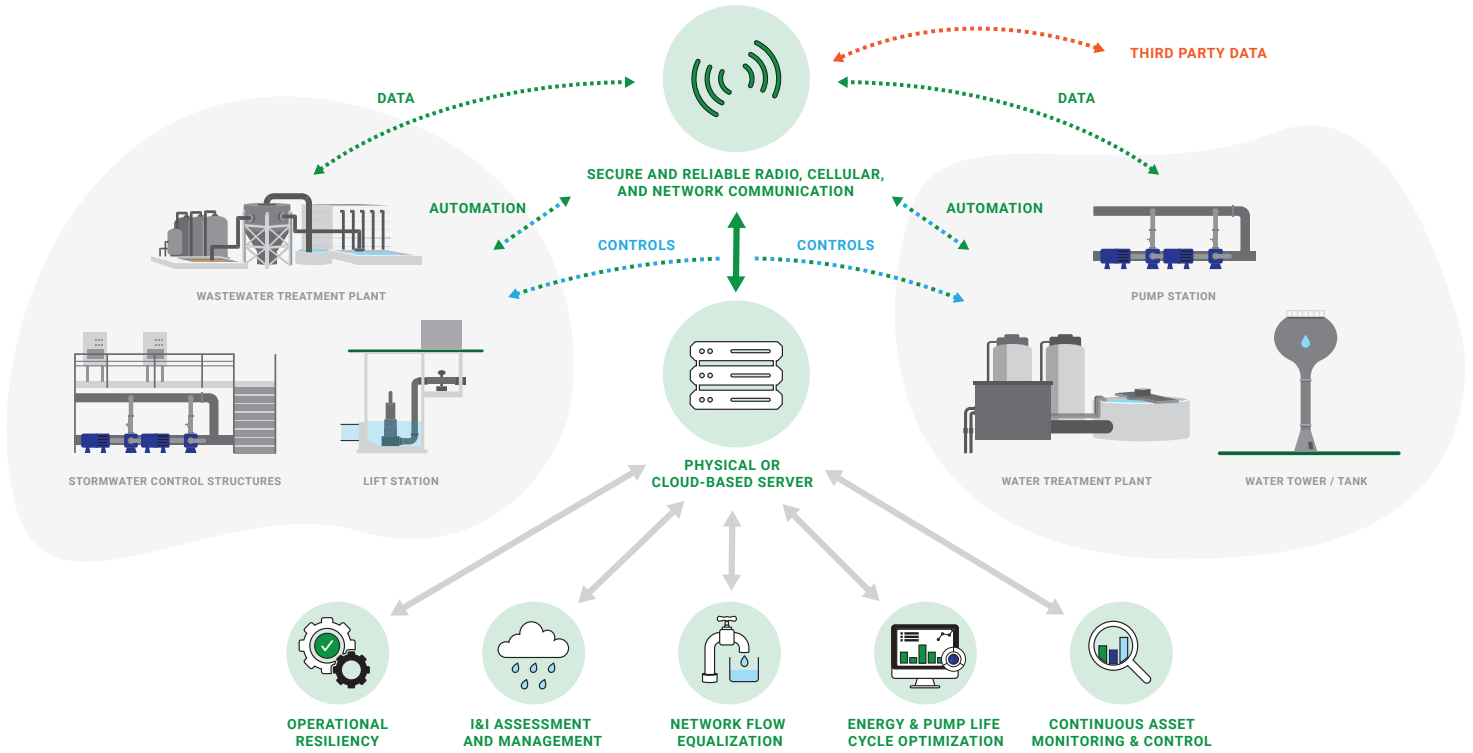
VS.



Asynchronous Pumping

Synchronous Pumping

END-TO-END APPROACH in Managing Remote Infrastructure



NOTABLE BENEFITS From Design to Implementation

