

HYDROVIEW

ASSET MANAGEMENT SERVICES

What is HydroView?

HydroView is your team of engineers that monitor, control, and analyze your water and wastewater processes around the clock 365 days a year. In conjunction with our leased equipment program we provide higher performance SCADA results with no burden to internal personnel or equipment.

Benefits of HydroView's Asset Management Services

- + Manhour Reductions + False Alarm Reductions + Operating Efficiencies + Alarm Assessments
- + Compliance Reporting + Risk Analysis + DHS/ANSI/AWWA Compliance + Unlimited Options
- + Real Time Predictive Maintenance + No IT Department Required + Real Time 24/7 Monitoring
- + Planned Maintenance Events + Energy Consumption Optimization + Generator Monitoring

Statistical Process Control

HydroView brings the power of Statistical Process Control(SPC) methodologies traditionally used in manufacturing environments to the Water/Wastewater Industry. Using data mining technologies, combined with trending analysis, HydroView can identify problems that trend to slowly for human observation with instantaneous capture of high speed transient events.

Performance Driven Results

HydroView achieves exceptional results using proven "data driven" processes like SPC that continuously monitors key process metrics for variants, quality, deliverables, and initiates corrective actions plans. Specific algorithms are developed to analyze each process component with exceptionally fast polling rates on a 365/24/7 basis, delivering unparalleled data aquisition for analysis.



HYDROVIEW FEATURES

IMPROVED MANPOWER EFFICIENCIES

Improve manpower efficiencies through real time data analysis with planned maintenance events.

ELIMINATE FALSE ALARMS

Validation process to determine criticality of an alarm with appropriate response. Up to 70% overtime savings.

INCREASE OPERATING EFFICIENCIES

Utilizing sophisticated pump algorithms, analysis & historical data, performance is adjusted to provide optimal efficiency that reduces energy consumption.

NO IT DEPARTMENT OR INFRASTRUCTURE

HydroView eliminates all traditional local IT infrastructure requirements associated with typical SCADA deployments.

REAL TIME PREDICTIVE MAINTENANCE

HydroView collects more data parameters at faster intervals than most SCADA systems, thus allowing for automated system analysis of key metrics.

HydroViews's analytical Life Cycle Cost and Predictive Tools eliminate run to failure modes that provide clients with planned maintenance, scheduled repairs, or replacements in advance for budgetary and compliance planning.

REAL TIME ASSET MANAGEMENT

HydroView's monitoring of Pump Stations, PRVs, and Treatment Plants provides realtime status of pumps, motors, drives, levels, pressure, flow, and kW energy consumption. Using sophisticated analytical tools for continuous equipment and process readiness, HydroView delivers unparalleled asset management services.

RISK ASSESSMENT AND SECURITY

Hydo View continuously monitors for potential risk factors such as pump failures, level variances, plugged pumps, over current, excessive torque, kW consumption, site and station security to keep your facility at optimal operating efficiencies 24/7. In the event of a potential risk to your facility, HydroView automatically alerts key personel to take corrective action.

Our security system is unmatched, meeting and exceeding industry standards complying with DHS/Military standards with continuous site monitoring for any potential intrusion or risk.

AUTOMATIC COMPLIANCE REPORTING

HydroView profiles compliance reports to your requirements with automatic downloads. Beyond compliance reporting is HydroViews capability of producing analytical reports that accurately show the real time conditions of your sites and recommends planning strategies for continuous improvements. Thereby reducing operating costs, maintenance, improves employee safety, and provide owners with realtime data enabling fact based decisions for budgetary and planning purposes.

