



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

HvdroView 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 unparallelled 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.

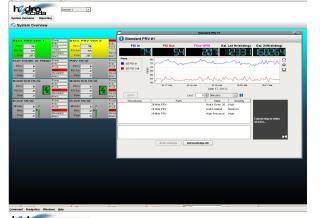
Our security system is unmatched, meeting and exceeding industry standards complying with DHS/Military standards with continuous site monitoring for any potential instrusion or risk.

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.













IIN PBI IN	MAX PSI IN		MIN PSI OUT	MAX PSI DUT GALLONS		
37.84	85.84		48.9	60.52	942066	
	-11	12	13	14	16	16
0	4657	4366	3751	4530	4775	4236
1	4606	4499	2060	4249	4743	4010
2	4674	4109	3846	3993	4461	3829
3	4627	4085	3994	3891	4149	4053
4	4708	4189	3799	3841	4128	3823
6	4955	5515	5409	5961	5839	4036
6	10758	10437	10175	10743	11937	4147
7	11366	9648	11795	10957	12055	4414
8	6940	7167	7929	8729	8098	10045
9	5753	5858	6366	5447	5585	11403
10	6368	5130	5464	5713	5770	10890
11	6039	4891	5107	5593	5170	12256
12	6233	5342	5557	5301	5049	10676
13	5423	5672	5389	5676	4842	10391
14	6251	4846	5533	5609	5624	9275
15	6922	5031	5535	6050	5719	8765
16	6055	6149	5726	5743	6247	8428
17	5646	6489	7778	5820	6652	7839
18	7553	87 16	8685	7033	5195	7170
19	9963	10906	11205	9984	5460	7543
20	11338	10690	11371	12439	4709	6250
21	8016	9095	11248	11159	4880	4835
22	6468	5356	7384	7393	4497	4249
23	4598	4089	4684	4652	4447	4447