



Flygt Cloud-Based SCADA

SECURE, COST-EFFECTIVE MONITORING AND CONTROL

FLYGT
a xylem brand

No up-front costs. No back-end worries.

Operating budgets are decreasing, and the need for more information to enable intelligent decisions well before a problem occurs has never been greater. Xylem's Flygt Cloud-Based SCADA offers a cost-effective Software as a Service (SaaS) solution: high-end SCADA capabilities that are still simple to use, with no up-front costs, a low monthly fee, and proven performance and reliability from the leader in water solutions.

Reactive > Preventative > Predictive



1990's



2000's



Now

With Flygt controllers in more than 155,000 municipal pump stations worldwide, we know water management. Our systems are built on years of customer feedback as well as our 50+ years experience. We know exactly what you need in a SCADA solution. That's why we pushed performance beyond standard reactive alarms. **Flygt Cloud-Based SCADA not only informs you of issues so you can address them quickly, it alerts you to future situations that enable you to take preventative action—saving time and money.**

REACTIVE: A problem has occurred that needs attention	PREVENTATIVE: Maintenance schedule according to equipment manuals	PREDICTIVE: Notification about specific maintenance that is needed for equipment - updated in real-time as conditions change
<ul style="list-style-type: none"> Traditional Alarm Dialer / SCADA system sounds 	<ul style="list-style-type: none"> Schedule an inspection every 10,000 hours 	<ul style="list-style-type: none"> Pump 2 will have a compromised motor in 60 days
<ul style="list-style-type: none"> The pump motor has failed 	<ul style="list-style-type: none"> Replace the impeller every 30,000 hours 	<ul style="list-style-type: none"> The "time to spill" for pump station 54 is 3 hours and 26 minutes
<ul style="list-style-type: none"> The station is experiencing high level/overflow 	<ul style="list-style-type: none"> Check pump insulation resistance every 6 months 	<ul style="list-style-type: none"> Impeller in pump 3 is showing wear decreasing energy efficiency (by X%)

The safe, secure, superior SCADA solution.

While full encryption and state-of-the-art cellular technology safeguard against security and reliability concerns, cloud-based efficiency eliminates budget concerns. No up-front SCADA license cost. No server installation or maintenance. No need to continually update software, train personnel or write code. Just proven performance and peace of mind, day in and day out.

Flygt Cloud SCADA

Predictive is the future

Water Reservoirs



Laptops & Mobile Devices



Water & Wastewater Treatment Plants



Pump Stations



Connect all of your water assets.

The TotalCare Experience: Total Pump Station Support.

Xylem's TotalCare program provides intelligent station data analysis and predictive pump maintenance and service. TotalCare is the reliable, low-cost solution to:

- Maintain pump station equipment up-time
- Eliminate sanitary sewer overflows (SSOs) through cost-effective alarm notification
- Effectively manage assets
- Collect and analyze station performance data to satisfy CMOM and other regulatory agency reporting requirements

Only TotalCare leverages our 50+ years of experience in submersible wastewater pumping and monitoring knowledge and our comprehensive engineering support network. The results: optimized operations with a lower total cost of ownership.



Flygt is a brand of Xylem, whose 12,000 employees are addressing the most complex issues in the global water market.

www.xyleminc.com

Xylem, Inc.
14125 South Bridge Circle
Charlotte, NC 28273
Tel 704.409.9700
Fax 704.295.9080