

Hydralert by silversmith data

TROUBLESHOOTING FOR THE 21ST CENTURY

HYDRALERT™: Save Time, Save Money

BENEFITS

Easy installation

Helps to eliminate hardware and water theft

Early detection for prevention of freezing water

Reliable communication and reporting of critical data

Apply to any dry barrel hydrant rom a proven leader in wireless remote communications, Silversmith Data introduces HYDRALERT, the industry's most innovative remote "smart" monitoring of fire hydrants, alerting municipalities of vandalism, theft, and presence of water. Cost-effective units save time and save money. HYDRALERT has proven itself to be indispensable in hydrant monitoring.

The Necessity of Innovation

Hydrants are strong and durable, year in and year out. They are everywhere, and we take them for granted. And, we rely on them to work. But other than slow and costly manual inspections, fire hydrants have been difficult to monitor.

Accidents, vandalism, theft, and freezing temperatures can compromise hydrant function in an emergency. And, unauthorized access to water can lead to critically low water pressure and millions of dollars in annual losses.

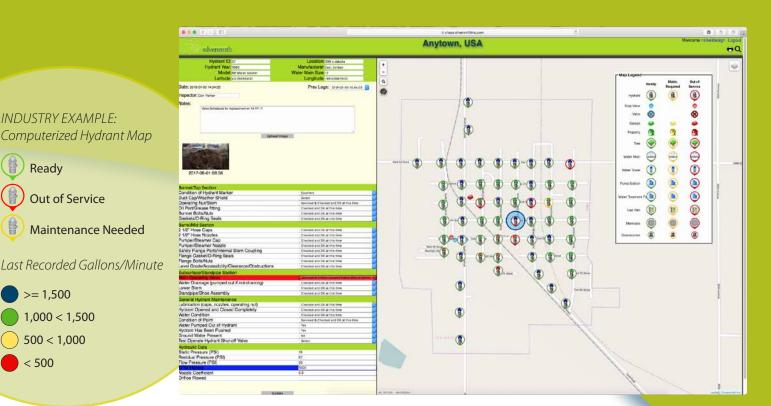
HYDRALERT is appropriate for municipalities of all sizes, plus hydrant manufacturers. Utilities, industrial and business parks, resorts, and university campuses also benefit from this innovative technology.



PERSONNEL ACCESS, critical in an emergency.
Save time, money, and resources.



REMOTE ACCESS, to critical hydrant data when seconds count.



FEATURES AND SPECIFICATIONS

HYDRALERT is a small electronic component that applies to existing dry-barrel fire hydrants, regardless of hydrant type or manufacturer.

- Monitors water presence, vibration tamper, and battery status.
- · Lithium battery system, with battery life of 5 – 10 years and energy efficient Sleep Cycle
- · Status check-in
- Communicates via embedded cellular technology
- Simple installation, within 30 60 minutes
- Built to withstand harsh conditions and vandalism
- Full integration with AST™ host system for easy training and data access

OPTIONS

INDUSTRY EXAMPLE:

Out of Service

Ready

>= 1,500 1,000 < 1,500 500 < 1,000

< 500

- Status reports sent on user-set schedule (e.g. daily, weekly, bi-weekly, monthly)
- Customizable default alarm parameters
- Sensor monitoring of all or select conditions. such as water level or movement
- Customizable alarm timing, message, and recipients
- Handheld monitors for alarm texts or emails

INSTALLATION

The HYDRALERT sensor unit is applied through the upper or lower barrel of the hydrant. The outer unit fits against the back side of the hydrant, away from road traffic and without hydrant function interference.

HYDRALERT is offered as a complete installation package including hydrant monitors with installation tool kit. Or, HYDRALERT equipment, including installation instructions and recommendations, can be purchased outright and integrated into the client's existing system through client resources.

SYSTEM COST

Based on individual consultations, Silversmith Data provides a full estimate with no hidden charges. HYDRALERT is cost-effective and includes a one-year warranty.

DATA MONITORING

Silversmith Data can retrieve and host valuable records through its secure AST™ (Asset Status Tracker) system. With AST, secure data is available to the client via any handheld device — 24 hours a day, 7 days a week.



For more information, call 989.370.4964 or email hydralert@silversmithdata.com.

THE **SILVERSMITH** STORY

Over 20 years ago, Silversmith Data established itself as a proven leader in wireless remote communications, initially in the oil and gas industry. Recognizing the need for similar technology in water monitoring, Silversmith Data formulated a new goal: to create the world's first "smart" fire hydrant.

In 2016, Silversmith Data began actively implementing its user-friendly Asset Status Tracker (AST™) maintenance system for fire hydrants, valves, water purification plants, and waste water treatment facilities throughout the United States. In 2018, Silversmith introduces HYDRALERT™, the "smart" hydrant mount aimed to recognize freezing and water theft. Silversmith has successfully assisted many companies and municipalities, both large and small, in implementing a wide range of applications with turnkey solutions.

UNMONITORED HYDRANT FAILURES In the News...

Frozen Hydrant Hindered Bronx Fire Response

• December 2017 | New York Post

Detroit's Broken Fire Hydrant Problem Coming to a Head

• March 2015 | MLive Detroit

Dallas Fire Raises Fire Hydrant Fears

• March 2015 | NBCDFW.com NBC 5 News

Misuse Leads to Frozen, Inoperable Hydrants

• January 2013 | WTHR – Indiana's News Leader

Five Frozen Fire Hydrants Hamper Dayton, Kentucky Firefighters. Two Houses Burn.

• December 2010 | statter911.com | From NKY.com

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HYDRALERT U.S. Patent: US9873008 and US9901765 HYDRALERT Canadian Patent Pending: CA2912839 silversmithinc.com/patent