

iHydrant

by **CLOW**
CLOW CANADA



iHydrant®

**Remote pressure and
temperature monitoring
for Clow Canada
hydrants.**

iHydrant.com



For Generations

iHYDRANT® REMOTE SENSORS FOR CLOW CANADA BRIGADIER HYDRANTS

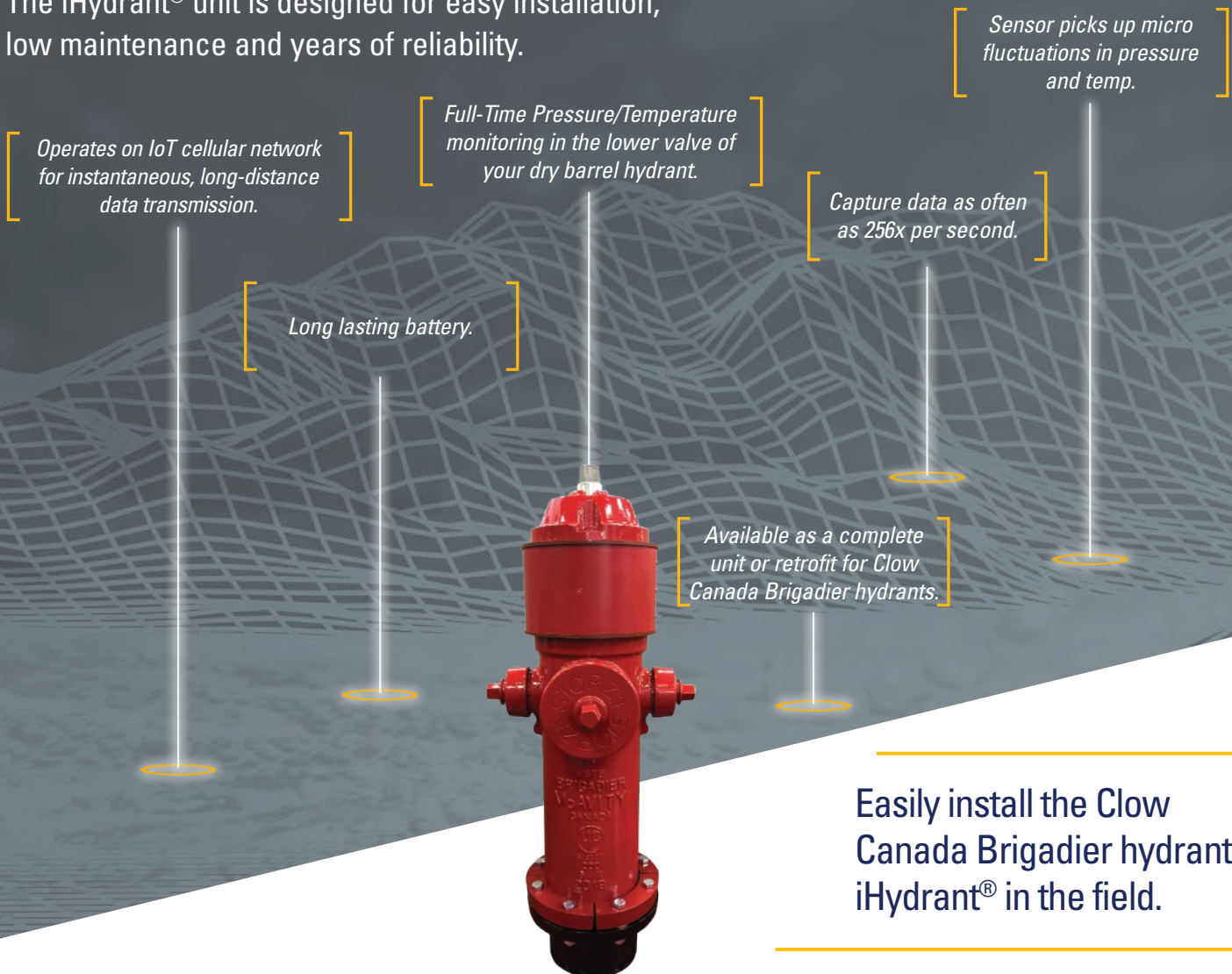
Track pressure and temperature changes and get alerts at a moment's notice via smart hydrant sensors deployed across your water system.

Knowing the exact moment your water grid experiences a hydraulic event or is threatened by rapid pressure or temperature fluctuations is now possible via iHydrant® remote sensors for Clow Canada hydrants. iHydrant® operates on a secure IoT network to transmit data to the cloud, which is

then accessible on your utility's hosted dashboard. iHydrant® allows you to monitor precise fluctuations in your water system in real time that reveal money-saving data and help you recapture non-revenue water.

Device Features

The iHydrant® unit is designed for easy installation, low maintenance and years of reliability.



Easily install the Clow Canada Brigadier hydrant iHydrant® in the field.

Your iHydrant® Dashboard

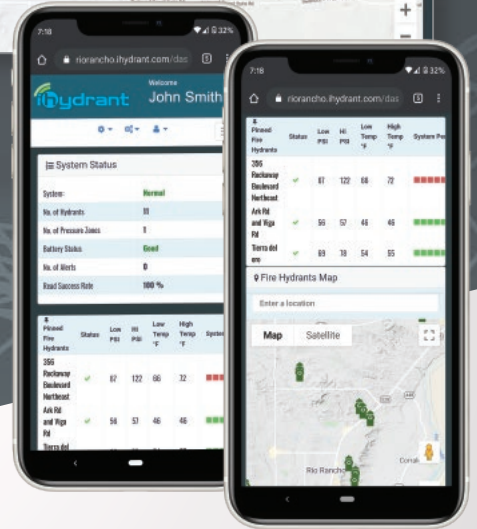
Your dashboard is the portal to your entire iHydrant® network. From here, you can see your data in real time for all devices, specific hydrant zones or one hydrant at a time.

The dashboard interface includes a search bar, a sidebar with navigation options (Dashboard, Hydrants, Reports), and a main content area. The 'System Status' section shows a 'Warning' level with metrics: 26 Hydrants, 5 Pressure Zones, 'Good' Battery Status, 2 Alerts, and a 96% Read Success Rate. The 'Pressed Fire Hydrants' table lists several hydrants with their status, pressure, and temperature data. A map view shows the location of these hydrants in the Redmond Midtown Planning Study Area.

Pressed Fire Hydrants	Status	Low PSI	Hi PSI	Low Temp °F	High Temp °F	System Performance (Last Read)	Action
1 NE 12th St	✓	91	104	45	45	████████████████████	Open
1293 Northwest Canal Boulevard	✓	76	92	53	55	████████████████████	Open
1956 Southwest 42nd Street	✓	54	65	34	38	████████████████████	Open
2044 Southwest Coccoloba Vista Drive	✓	38	64	45	48	████████████████████	Open
2821 Northwest 88th Street	✓	101	122	45	45	████████████████████	Open
955 Northwest Jacklow Avenue	✓	76	93	52	54	████████████████████	Open

iHydrant® Dashboard Features:

- Hosted remotely for anytime access with no downtime risk.
- Accessible anywhere via desktop or mobile browser.
- Create custom logins for multiple users.
- Visual data collection for pressure and temperature, scalable down to the second.
- Export your data for additional manipulation or on-site storage.
- Set alerts for pre-defined events or to your own custom parameters.
- Battery life and reception monitoring and reporting let you know when to check a unit or replace a battery.



"iHydrant® has been beneficial to the utility by identifying different hydraulic events that impact normal daily operations. This has resulted in lower response times for repairs and a reduction in lost revenue due to water losses. iHydrant® has also helped us to identify hydraulic conditions that are occurring in the distribution system that we were previously unaware of."

Josh Wedding, City of Redmond Water Utilities Manager

Bringing your hydrants online with iHydrant® means you get the ease and convenience of modern data-collection technology plus compatibility with the Clow Canada Brigadier and Premier hydrant in your arsenal. Suitable for mounting on top of any Clow Canada Brigadier and Premier dry barrel hydrant, iHydrant® does not interfere with normal operation, allowing you to collect data without taking the hydrant out of operation, even in freezing conditions.



Reduce non-revenue water with up-to-the-second data from your hydrant.

iHydrant® is a feature-rich monitoring tool designed to save money through grid analysis, problem prevention and rapid-response mitigation.



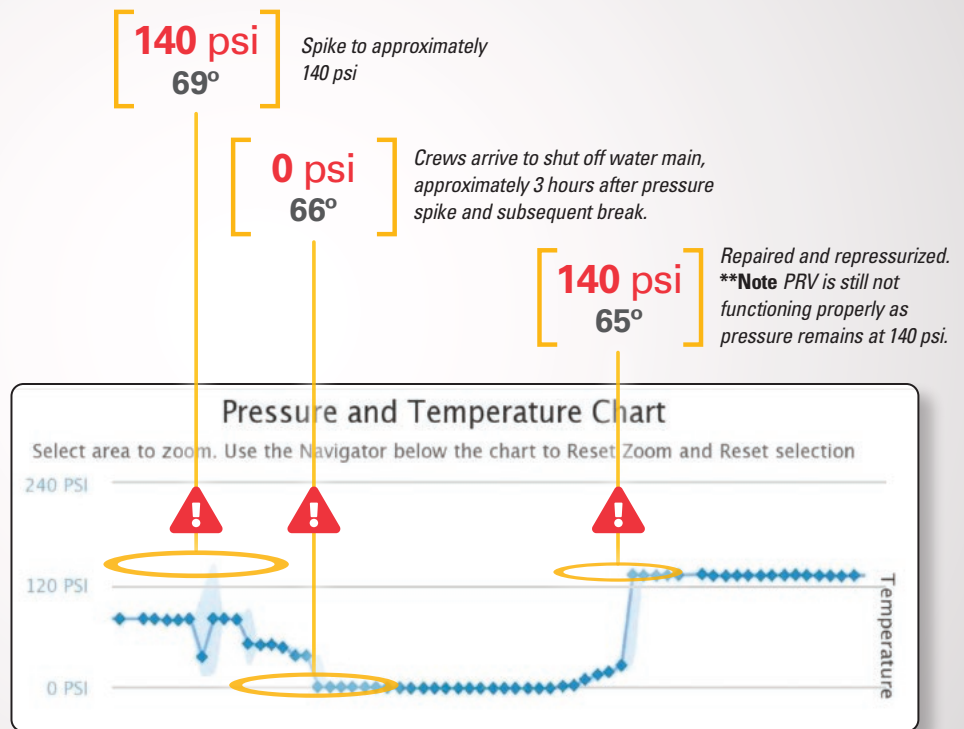
Real-time, whole-system feedback allows you to identify potential problem areas and proactively maintain the system to prevent main breaks before they occur.



Rapid alert systems provide notification in response to system changes, reducing utility response times and water losses.



Remote monitoring allows for more efficient human resource allocation and job efficiency, further reducing costs associated with the system.



With **affordable one-time installation costs and low annual maintenance and support fees.**, iHydrant® can pay for itself by preventing or alerting you in real time of water loss events. Over time, iHydrant® will help reduce costs associated with water loss, becoming an integral part of your system.

Contact your Clow Canada sales representative for more information or to schedule a product demo.

COMMITTED TO ENVIRONMENTAL RESPONSIBILITY

Clow Canada Valve Company is committed to protecting our natural resources through environmentally responsible manufacturing practices, including the use of 80+% recycled content in our hydrants and valves.



iHydrant.com

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