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Sentryx™ Software Enabled Super Centurion® Hydrant

The communications hub for your water distribution system

The Sentryx software enabled Super Centurion hydrant brings together the infrastructure platform you trust with the data intelligence to make informed, actionable decisions. Leveraging Industrial IoT, powerful mapping and data visualizations as well as advanced analytics, you'll be able to understand the performance of your distribution system like never before.

Introducing Sentryx™ Software Enabled Super Centurion® Hydrant

Smarter, faster business decisions - Expanding the capabilities of America's most popular fire hydrant, Mueller introduces the new **Sentryx software enabled Super Centurion hydrant**.

The Sentryx software enabled Super Centurion hydrant acts as a communications hub, housing our state-of-the-art pressure monitoring system and leak monitoring systems which communicate data via a cellular signal to the Sentryx Water Intelligence Platform to provide a total overview of the health of your water system.

Leveraging over 160 years of industry experience and state-of-the-art hydrants, sensors, analytics and processing, your data will be securely transformed into insights that can be used to power critical decisions about your asset management, operations and maintenance programs.
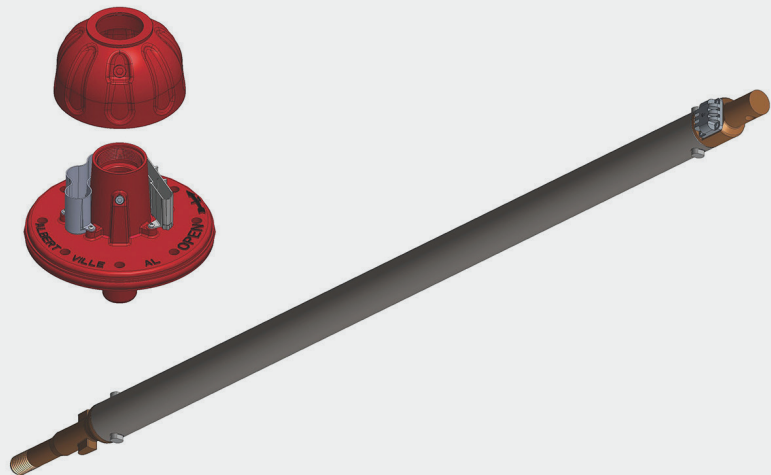
Sentryx Software Enabled Super Centurion Hydrant Features

- Leak and pressure monitoring options are available on new fire hydrants or as a retrofit kit for America's most popular fire hydrant
- Innovative wireless design and engineered components make hydrant installation, operation, repair and maintenance easy
- Provides pressure data while the main valve is closed without charging the hydrant; leak monitoring is irrespective of valve position
- Superior battery life – lab-tested for up to 10 years *See battery FAQ document for life expectancy
- AWWA C502 compliant
- Hydrant: 350psi working pressure and 700psi test pressure
- Pressure sensor: 0-250psi range
- Certified to ANSI/NSF 61 & 372

Centurion Hydrant Pressure Retrofit Kit

Upgrading made easy. The Sentryx software enabled Super Centurion hydrant is available as a retrofittable kit for currently installed hydrants. Now, new technology can be placed in existing fire hydrants already in the user's system, avoiding the need to dig.
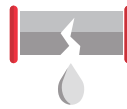
The advanced pressure monitoring capabilities can now be incorporated into Mueller 5-1/4″ Centurion hydrants with bury depths 3′-6″ to 6′-0″ that have been manufactured since 1975.
In addition to pressure monitoring, leak monitoring can be added to any Mueller hydrant by replacing the existing pumper nozzle cap with a leak detection enabled nozzle cap.

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Sentryx Platform

Data gathered from the Sentryx software enabled Super Centurion hydrant will be displayed on the scalable, web based, Sentryx Water Intelligence Platform. The Sentryx software will record and display important data communicated from our pressure monitoring and leak monitoring systems, providing insights to make intelligent decisions on your water infrastructure.

Leak Monitoring

Leak monitoring system data is captured through intelligent nodes on the hydrant and transmitted each night to the Sentryx Water Intelligence Platform. The leak monitoring system offers visibility to the location of emerging leaks and empowers pipeline owners to proactively communicate with customers and repair pipes.

Pressure Monitoring

The pressure monitoring system sensor is protected, enshrouded within the lower stem, and through porting is able to capture data (while the main valve is closed) from the water in the hydrant shoe and network. This data is transmitted from within the hydrant to the Sentryx Water Intelligence Platform, providing accurate pressure information of your distribution network. The pressure monitoring system sensor can detect changes in system pressure that could lead to water line leaks or catastrophic breaks and provide condition alerts.

Smarter, faster business decisions with the Sentryx software enabled Super Centurion hydrant.

The Sentryx software enabled Super Centurion hydrant integrates pressure monitoring and leak monitoring sensing technology that communicates to the Sentryx Water Intelligence Platform, providing you with a total overview of the health of your water system. Together, the information and insights captured are true decision-making power.

For more information about the Sentryx software enabled Super Centurion hydrant or to view the full line of Mueller products, please visit **SmartHydrant.com**.

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MUELLER® | **ECHOLOGICS®** | **HYDRO GATE®** | **HYDRO-GUARD®** | **HYMAX®** | **JONES®** | **KRAUSZ®**
MI. NET® | **MILLIKEN®** | **PRATT®** | **PRATT INDUSTRIAL®** | **SINGER®** | **U.S. PIPE VALVE & HYDRANT**