

X-PRESSION

*Continuous pressure monitoring of
municipal water networks*

Powered by

X-TELIA

A Powerful but Affordable Solution for Water Distribution Network Pressure Monitoring



**Solution developed in Canada to
meet for the needs of Canadian
cities and utilities**



LoRaWAN™

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X-PRESSION: The innovative and affordable solution for water pressure management

X-PRESSION is a turnkey solution that allows municipalities to monitor the pressure of water systems in real time using LoRaWAN pressure sensors. Easy to deploy and cost-effective, this technology provides continuous monitoring and proactive management of municipal infrastructure.

- **Low-cost deployment:** Fast, cabling-free installation with LoRaWAN connectivity. Probe screws onto a 1/4" or 1/2" port.
- **Continuous monitoring:** Pressure measurements collected in real time at multiple points in the network, such as manholes or other hard-to-reach places.
- **Intuitive dashboard:** Visualization of historical pressures in the form of graphs.
- **Universal accessibility:** The dashboard can be accessed from anywhere on **computer, tablet, or mobile**.
- **Threshold management and alerts:** Set acceptable thresholds for each site and receive alerts in case of anomalies.
- **Automatic notifications:** Alerts sent via email or text message for optimal responsiveness.
- **Interactive Map:** Live Visualization of Areas Under Abnormal Pressure.



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municipalities and cities**

Proactive management
pressure monitoring



For a demo: sales@x-telia.com