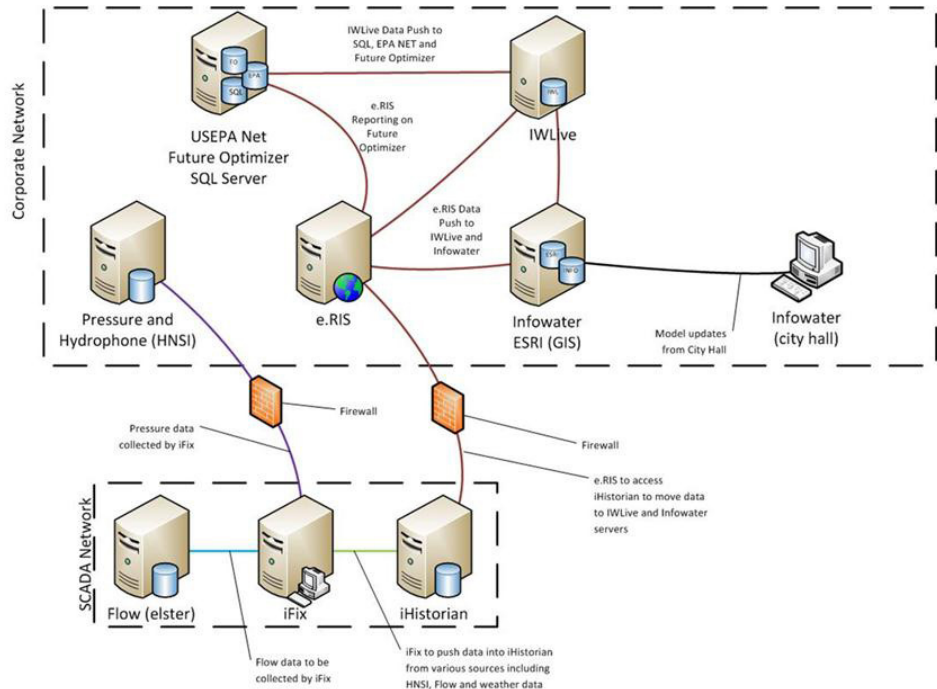


Water Supply & Distribution System Optimization

Water Supply and Distribution Real-Time Operational Tool

The SWI project is implementing Canada's first IWLIVE implementation. The IWLIVE software module is an add-on module to Innovyze's Infowater hydraulic modeling software. The add-on facilitates an operational level interaction with the hydraulic model while providing updated boundary conditions. The software enables data exchange with a SCADA system historical database, enabling on-line calibration analysis and setting of boundary conditions to facilitate a daily look forward at the impact of proposed operational changes. Staff can assess the impact of taking a supply and distribution element out of service various operational parameters such as operating pressure, water age, or storage levels.

City of Guelph Waterworks
Implementation of IWLIVE
Data Flow Diagram



We acknowledge the industry partners on this project, City of Guelph and Eramosa Engineering.

C3 Water Inc.
350 Woolwich St. S.
BRESLAU, ON
N0B 1M0
t. 519.772.9620
www.C3Water.com