

Smart Water Engine

INTEGRATE AND STANDARDIZE ALL UTILITY DATA IN A SINGLE LOCATION

Many utilities struggle to see a complete picture of their operational status and network efficiency. Their operators and managers are often flooded with hundreds of separate data streams coming in from multiple sources, making it difficult to get an accurate reflection of the interconnected nature of their network, let alone make holistic improvements, react to challenges quickly, test potential scenarios, and predict problems.

Xylem Vue powered by GoAigua is a single, integrated software and analytics platform that enables utilities to maximize existing investments, operate more efficiently, and provide affordable and reliable service to their communities.

At its heart is the **Smart Water Engine**.

The Smart Water Engine eliminates silos and unifies data no matter its source. It integrates and standardizes that data to create a single, holistic model which, when coupled with proprietary advanced algorithms, allows the Smart Water Engine to look out across the entirety of a utility's network.

This single source of data is then accessed by the utility through water and wastewater applications within the Xylem Vue powered by GoAigua platform to address real-world network challenges.

Ultimately, by removing the burden of having to manage multiple independent technologies, the Smart Water Engine, delivered through Xylem Vue powered by GoAigua, **provides critical, 360-degree operational decision intelligence** to anyone that needs it across the utility.



Smart Water Engine Creates a Single Source of Standardized Data To Help:

- Monitor operational processes
- Interact with GIS Framework to accurately geolocate all assets
- Build digital twin hydraulic models
- Run real-time what-if scenarios
- Establish device management and performance alerts
- Design operational dashboards

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