Xylem Vue powered by GoAigua

ONE PLATFORM – BUILT BY UTILITIES FOR UTILITIES – TO CAPTURE ALL YOUR DATA AND OPTIMIZE THE ENTIRE WATER CYCLE

Is your data working for you? For many modern utilities, it can be difficult to get a complete understanding of their true level of operational efficiency. Not because they don't have enough data, but because it is often split between various systems that can't easily communicate with one another.

The Future of Smart Water

The Xylem Vue powered by GoAigua platform eliminates these silos of information and unlocks the true value of data. Combining Xylem's collaborative and consultative global team of technical and water industry experts with Idrica's proven software and analytics platform, Xylem Vue powered by GoAigua is a unique, vendor-agnostic platform that can capture data from any source, regardless of manufacturer.
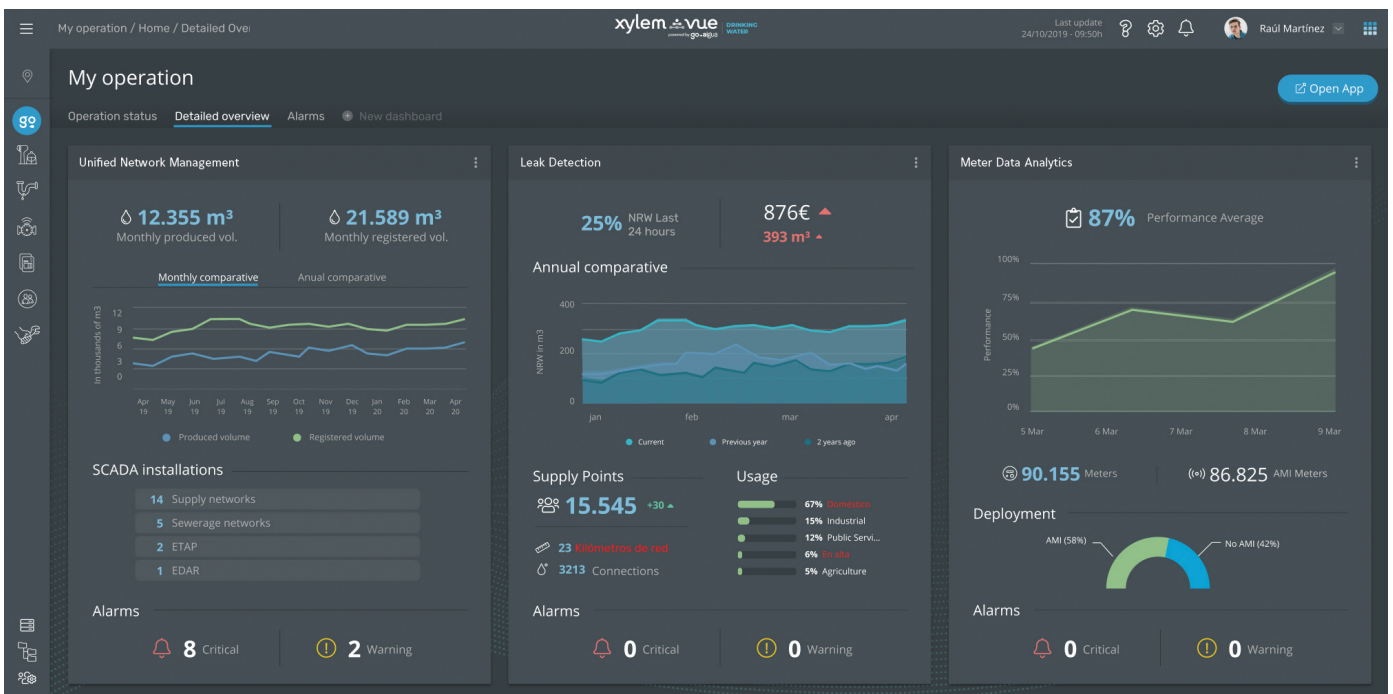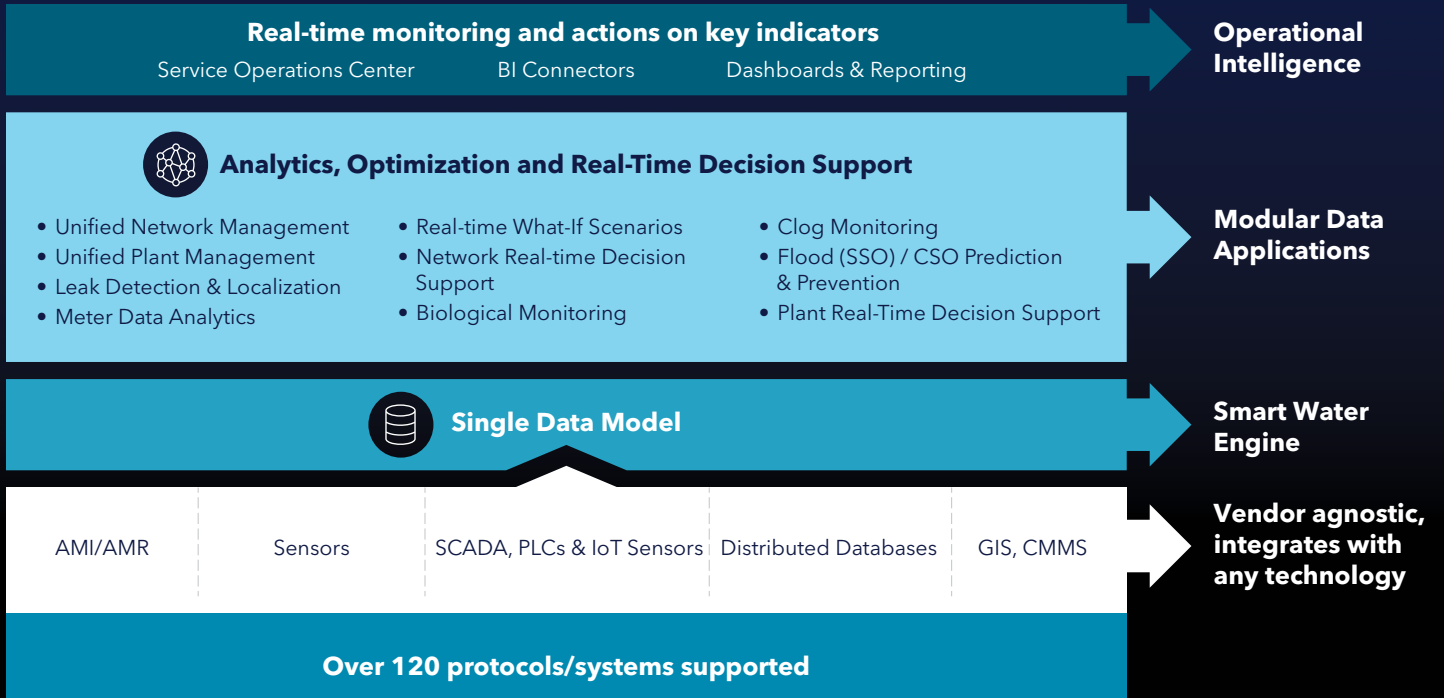
This allows utilities to **maximize investments already made in existing technologies while breaking down data silos** to provide a holistic, 360-degree view of the status for all processes and infrastructure across the entire water cycle.

By providing **intelligence and smart analytics at the network, plant and asset level**—as well as customized views to fit any unique demands the utility requires—Xylem Vue powered by GoAigua supports both utility operators and enterprise managers in addressing the system-wide challenges, from non-revenue water to flooding to treatment, that they face on a daily basis.

Smart Water Simplified

- Unify data in a single, interoperable, and simple-to-use software and analytics platform

- Increase awareness and control across the entire water cycle

- Democratize system knowledge across your network and teams

- Optimize decision making and increase operational efficiency

- Maximize digital investments to solve challenges affordably and sustainably

Eliminating Data Silos to Improve Operational Visibility and Control

At the heart of Xylem Vue powered by GoAigua is the Smart Water Engine which integrates and standardizes data from across the utility, regardless of its origin (sensors, SCADA, assets, business systems, etc.), into a single, unified source of information that powers modular applications and in-depth analytics. This allows utilities to not only more efficiently manage operational data, assets, and IoT devices, or create customized views and algorithms within the platform to meet unique system needs, but also provides them with 360-degree operational intelligence in the form of what-if scenario simulations, real-time monitoring, alerts, and suggested actions to ensure optimal system-wide efficiency.

Platform Architecture

Real-time monitoring and actions on key indicators

Service Operations Center | BI Connectors | Dashboards & Reporting

→ **Operational Intelligence**

Analytics, Optimization and Real-Time Decision Support

- Unified Network Management
- Unified Plant Management
- Leak Detection & Localization
- Meter Data Analytics

- Real-time What-If Scenarios
- Network Real-time Decision Support
- Biological Monitoring

- Clog Monitoring
- Flood (SSO) / CSO Prediction & Prevention
- Plant Real-Time Decision Support

→ **Modular Data Applications**

Single Data Model

→ **Smart Water Engine**

AMI/AMR	Sensors	SCADA, PLCs & IoT Sensors	Distributed Databases	GIS, CMMS

→ **Vendor agnostic, integrates with any technology**

Over 120 protocols/systems supported

The Xylem Vue powered by GoAigua platform allows utilities to break down data silos and have a holistic view of the entire water cycle at their fingertips with a single, easy-to-use interface.

Key Benefits

Secure
Designed with cybersecurity protocols for critical infrastructures. Sensitive data are encrypted, managed or hidden according to platform access role

Scalable
New applications can be added without affecting critical and continuous operation

Agnostic
Processes different data sources regardless of the suppliers, manufacturers or technologies

Interoperable
Communicates with other platforms or solutions (North/South Bound Interface)

Adaptable
Can be applied to meet utility-specific processes and requirements

Modular
The applications must switch on or off depending on the use cases required

Based on Open-Source Software
Depending on the client's requirements, open-source software solutions are presented at platform level to optimize costs and facilitate maintenance

More Than Software – A True Partnership

The journey to unlocking your system's full capabilities and achieving extraordinary outcomes begins by forming a true partnership between your utility and our team of former utility leaders, decision science professionals, engineers and hydroinformatics experts.

Support Throughout
From problem assessment to implementation and training, technical and delivery experts are there every step of the way.

Domain Knowledge & Partner Intimacy
Our water experts work hand-in-hand with your team to meet your specific system goals.

"High Touch" Delivery
Consistent communication and training so leadership and operators are engaged and maximizing operational efficiency.

Implemented at More Than 400 Water Utilities Across the Globe

Ashghal (Qatar)

Belforest Water System (United States)

City of Burlington (United States)

City of Chino (United States)

EPA (Ecuador)

Global Omnium (Spain)

SACMEX (Mexico)

SADM (Mexico)

Toronto Water (Canada)

Delivering Transformational Results for Utilities

Chino, California

- Water operations platform integrating SCADAs, smart metering, sensors, work orders, GIS, etc.
- Predictive analytics for non-revenue water reduction and energy savings
- Optimization of water production costs

Water Applications

Unified Network Management

Leak Detection

Meter Data Analytics

Calpe, Spain

- A single, integrated platform enabling early detection of clogging and proactively plan cleaning activiities
- Automated control of chemical dosage to reduce odors
- Real-time prediction of urban flooding and storm events
- Sanitation network digital twin to trigger alerts in the event of flooding to reduce response time

Wastewater Applications

Unified Network Management

Network Real-Time Decision Support

Clog Monitoring

Contact Your Xylem Sales Representative or <u>Visit Our Website</u> to Learn More

Xylem Vue powered by GoAigua is an important part of our full suite of digital solutions, Xylem Vue, that combines smart and connected technologies, intelligent systems and services, and 150+ years of problem solving expertise. Xylem Vue helps solve your most pressing water challenges and deliver transformative outcomes for your communities – faster and more affordably.