evoqua
WATER TECHNOLOGIES

Sophis™ Digital Services: A Water One® Services Solution

SMART WATER SYSTEM MANAGEMENT

Sophis™ Digital Services combines smart technology, data analytics, engineering expertise, and proactive service to efficiently manage the entire product lifecycle for peak performance. This ensures reliable, high-purity water, maximizing production uptime and minimizing risk.

Reliable Water Quality & Quantity
24/7 remote monitoring with predictive analytics and proactive service

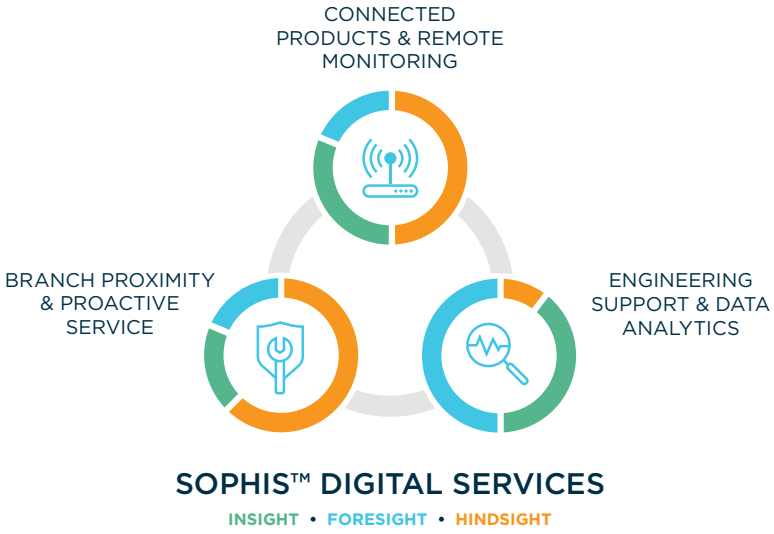
Reduced Life Cycle Costs
Optimizing system performance and maintenance

Resiliency
Leveraging subject matter experts and data analytics

Sustainability
Managing water use, energy efficiency, and waste

REDUCING OPERATIONAL RISK

Sophis Digital Services mitigate risk by continuously monitoring system performance; utilizing data analytics and Artificial Intelligence to predict and prevent process anomalies before they occur. Evoqua's engineering and service team provide troubleshooting support and proactive service to quickly address system maintenance and repairs.



FEATURES

- 24/7/365 remote monitoring of critical system operating parameters
- Predictive analytics to anticipate problems and optimize efficiency
- Expert engineering analysis of process and operational data
- Proactive service to address maintenance and repairs
- Automated reports with system performance data
- Ongoing recommendations for system optimization

BENEFITS

- Reliable, high purity water
- Maximum uptime
- Risk mitigation
- Data insights
- Longer system life
- Predictable, optimized costs
- Sustainability

Predictive Data & Proactive Service

Figure 1 shows the data from a customer site with alarms that occurred on 9/16 and 9/18. The data displays a repeatable pattern of the booster pump speed increasing over time and shutting down at max capacity. Based on the pattern, the next cycle was predicted, and Evoqua service technicians were able to proactively make pump repairs without impacting production.

Figure 1: USP Purified Water Generation System Operating Data

THE EVOQUA DIGITAL ADVANTAGE

Evoqua improves upon traditional approaches to water system management by leveraging decades of experience in water system design, an unmatched local service network, and digital remote monitoring technology to deliver the quality and quantity of water you need—when you need it.

Sophis™ Digital Services incorporates our award-winning Water One® services solution. This revolutionary service offering combines Evoqua's water expertise, proactive service, proven technology and data intelligence to ensure optimal performance. With over 100 years of experience in water treatment, we leverage the latest technology, tools and equipment to provide best-in-class service and maintenance of your water system.

Water Expertise

Proven Technology

Data Intelligence

Proactive Service

EVOQUA WATER TECHNOLOGIES

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