

# Managing Cyber Risk In The Water Sector

SECURING CRITICAL WATER ASSETS TOGETHER

Water network operators are focused on keeping critical infrastructure up and running, safely and efficiently, no matter what. So is Xylem. As a leader in clean water and wastewater technologies, we have a “whole of network view” of how to secure water. Xylem’s cybersecurity teams have deep experience partnering with customers to protect their assets, allowing system operators to increase efficiency and reduce waste while providing sustainable water services securely in their communities.

Expectations for protecting critical infrastructure from cybersecurity risks continue to rise. Many governments around the world, including the United States with the **America’s Water Infrastructure Act of 2018 (AWIA)**, have established specific requirements for water and wastewater utilities including system risk and resilience assessments, and disaster recovery planning. Xylem operates cybersecurity programs designed to protect your critical water and wastewater system assets and maintain compliance with regulatory requirements.



## Global Monitoring and Expertise

The breadth and depth of the Xylem product portfolio gives us a “whole of network view” across risks to the water sector, including water collection, transport, treatment, removal, measurement, control and analysis. Xylem’s Cybersecurity Team monitors cyber risks which affect the water sector, and assesses any implications across our product portfolio. This team ensures our technology platforms are developed and designed to be secure, and to meet or exceed industry cybersecurity standards. Our dedicated Cybersecurity Incident Response Team maintains constant vigilance, and responds immediately to any identified cybersecurity vulnerabilities with potential impact on the water sector. And we proactively support customers with any cybersecurity incident involving Xylem products.

## Security First

Cybersecurity is built directly into our leading water technology innovations – whether designed for cloud-based deployment or on a customer’s network. Every product line is actively supported by security experts. Our own company networks and technology infrastructure are protected with industry-standard cyber defense measures and maintained by experienced security engineering teams. We design best-in-class security features into every new product in order to meet any compliance mandate.

We also actively engage as a member of the worldwide cybersecurity community. As the only water technology company contributing to the highly regarded **International Society of Automation Global Cybersecurity Alliance (ISA GCA)**, Xylem is helping to shape the future of critical infrastructure security. Xylem participates in the **water and wastewater sector information sharing and analysis center (WaterISAC)** and the **Forum of Incident Response and Security Teams (FIRST)** as part of our efforts to improve standards for the water sector and beyond.

## Security by Design, Delivering Compliance

Xylem’s cybersecurity approach applies globally recognized standards from the International Electrotechnical Commission (IEC) and International Organization for Standardization (ISO), and all programs are aligned to **IEC 62443**, **ISO 27001**, and **NIST SP 800-213**. We hold multiple certifications in these cybersecurity standards and frameworks.

In a world of cybersecurity complexity, deep expertise offers confidence.

To speak with one of Xylem’s cybersecurity experts, contact us at [decisionintelligence@xylem.com](mailto:decisionintelligence@xylem.com), or visit us at [xylem.com/security](http://xylem.com/security).



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