

Q: Are your operations protected from cyber threats?
A: Don't ask. Know.

Knowing beats wondering.

Are you wary of connecting your data and systems to the cloud? Will your operations be protected? Does your staff have the time and current knowledge to keep your systems secure?

Xylem's **Cybersecurity Architecture Review** offers an affordable expert analysis of your digital systems. The results provide actionable remediation measures to ensure your secure digital transformation.

Now is the time to invest in cybersecurity.



Cybercrime to Cost \$10.5 T by 2025

Cybercrime is predicted to cost the world \$8 trillion USD / 7.5T € in 2023, and reach \$10.5T USD / 9.8T € by 2025, up from \$3T USD / 2.8T € in 2015¹



150 Vulnerable Products

Used in water and wastewater systems⁴



3rd Most Targeted Sector

When compared to other critical infrastructure⁶



Number of Threat Actors Increasing

7 threat actors shown to specifically target water and wastewater infrastructure globally^{2, 3}



20,000 Water Industry Employees

Fear that cyber threats could have the biggest impact on operations⁵



\$18.2 Million USD / 17.5 Million €

Lost due to the 2019 ransomware attack against a single water utility⁷

1. Morgan, S. (2023, July 28). Top 10 Cybersecurity Predictions And Statistics For 2023. Cybersecurity Ventures. <https://cybersecurityventures.com/top-5-cybersecurity-facts-figures-predictions-and-statistics-for-2021-to-2025/> 2. YouTube. (2021, May 21). Building Cyber Security in the Water and Wastewater Industry [Video]. <https://youtu.be/R1KtRusqZ0> 3. Baseline Information on Malevolent Acts for Community Water Systems. (2022, June). EPA. <https://www.epa.gov/water/riskassessment/baseline-information-malevolent-acts-community-water-systems> 4. Sreedhar, B., & Bhatnagar, S. (2020, August). Industrial Control System Security Market - Global Forecast to 2025 (IC-3075). Markets and Markets. 5. Germano, J. H. (2019). Cybersecurity Risk & Responsibility in the Water Sector. American Waterworks Association. https://www.awwa.org/Portals/0/AWWA_Government/AWWACybersecurityRiskandResponsibility.pdf 6. Hassanizadeh, A., Rasekh, A., Galelli, S., Aghashahi, M., Taormina, R., Ostfeld, A., & Banks, M. K. (2020). A Review of Cybersecurity Incidents in the Water Sector. Journal of Environmental Engineering, 146, 1-7. Duncan, I. (2019, May 29). Baltimore estimates cost of ransomware attack at \$18.2 million as government begins to restore email accounts. The Baltimore Sun. <https://www.baltimoresun.com/maryland/baltimore-city/bs-md-ci-ransomware-email-20190529-story.html>

How will Xylem's Cybersecurity Architecture Review Benefit Your Team?

- You don't have to go it alone. Our team is ready to quickly help you and provide a rapid turnaround.
- Assessments are tailored for your exact system. No generic checklists!
- Our processes facilitate engaging collaboration amongst multiple teams: IT, OT, Security, Operations, and Management.
- Interactive workshops yield innovative security solutions that truly and cost-effectively protect your system from current and evolving threats.
- Xylem's Cybersecurity Architecture Review is an affordable, in depth, and important step prior to a penetration (pen) test.
- We teach you to use a proven and repeatable process that enables your team to understand and reassess cybersecurity priorities in the future.



Our process starts by mapping out data flows. Security Engineers will work with your staff in an engaging series of workshops to identify threat susceptibilities and countermeasures. We then work with your team to prioritize a roadmap of cyber-strengthening solutions.

Xylem's Architecture Review provides confidence for secure digital transformation.

Why is Xylem offering this service?

"I'm totally pro cloud. And I'm trying to move as much as possible to the cloud, but it's not so easy without cybersecurity and implementation help."

- System Architect for a mid-sized wastewater utility

"My philosophy in terms of adopting connected digital technologies is that we don't say 'no', we're going to say 'yes, but....' Essentially, we try to answer three questions: what is the risk, how important is the risk, and what are the most effective ways to mitigate the risk."

- Director of Cybersecurity for large-sized water utility

Don't ask. Know.

Contact us at product.security@xylem.com to start your cybersecurity assessments. For more information, visit us at xylem.com/security.

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