



Cyberattacks against community water systems

As attacks on community water systems (CWSs) increase, so does the risk to Americans. In response, the U.S. Environmental Protection Agency (EPA) is increasing their enforcement of Section 1433 of the Safe Drinking Water Act (SDWA), as amended by the America's Water Infrastructure Act (AWIA) of 2018.

With Threadfin's governance, risk & compliance security expertise, you don't need to fear the audit.

Our engineers have extensive experience developing cybersecurity, cyber governance, resilience and maturity programs aligned with recommendations from:

- Environmental Protection Agency (EPA)
- Cyber Security & Infrastructure Security Agency (CISA)
- Department of Homeland Security

Our work is based on the National Institute of Standards & Technology's (NIST) Cyber Security Framework, making it easy for CWSs to follow regulations—and present the documentation showing that they do.

Secure your technical, managerial & physical controls.

- 1 ASSESS**
identify vulnerabilities
- 2 REMEDIATE**
correct vulnerabilities
- 3 GOVERNANCE** (manage & monitor)
policies & procedures controls
- 4 EDUCATE**
- 5 IMPLEMENT**

America's Water Infrastructure Act (AWIA) of 2018

Requirements: All CWSs serving more than 3,300 people are required to conduct Risk and Resilience Assessments (RRAs), develop Emergency Response Plans (ERPs) and certify their completion to the EPA. Additionally, systems must review their RRA and ERP every five years, revise them if necessary and certify completion of these steps to EPA. These assessments and plans help water systems evaluate and reduce risks from both physical and cyber threats.

Failure to comply: Penalties, loss of funding, legal action, increased vulnerability and loss of public trust

Critical infrastructure like water and sewer must be protected.

cities | counties | companies

We can help.

OVER 70%
of systems inspected
by the EPA
since September 2023
ARE IN VIOLATION.

Resources

- [White House Letter | March 18, 2024](#)
- [EPA News Release | May 20, 2024](#)
- [EPA Cybersecurity for the Water Sector](#)
- [The NIST Cybersecurity Framework \(CSF\) 2.0](#)
- [America's Water Infrastructure Act Section 2013](#)