NIST Blog Turns Attention to Securing Water and Wastewater OT Environments



A NIST cybersecurity blog addresses securing operational technology in water and wastewater systems. The excerpt available gives only the author's background, citing NIST SP 800-82 and NIST IR 8576 as her co-authored references.

- NIST published a blog titled Securing Water and Wastewater Operational Technology Environments.
- The text provided is an author biography, not the article's technical guidance.
- The author, CheeYee Tang, is a NIST electronic engineer working on OT cybersecurity research.
- She co-authored NIST SP 800-82 and NIST IR 8576 on critical infrastructure and OT cybersecurity.
- Her background includes over 20 years in product development and embedded systems, and earlier software engineering leadership in rail and telecom.

What the source says

NIST has published a cybersecurity blog post on securing operational technology (OT) environments in the water and wastewater sector. The portion of the text available to us is the author's biography rather than the body of the article, so this item does not describe the post's specific recommendations.

The author, CheeYee Tang, is an electronic engineer at NIST who focuses on OT cybersecurity research. She co-authored NIST SP 800-82 and NIST IR 8576, which address cybersecurity for critical infrastructure and OT. Before joining NIST she led software engineering teams in the rail and telecom sectors, and she has more than 20 years of experience in product development and embedded systems.

Why it matters for readers

Water and wastewater are operated through OT, and organizations responsible for such environments often look to NIST SP 800-82 as a reference. The blog signals continued NIST attention to this sector. Because the excerpt contains no technical detail, teams should read the full post before drawing conclusions or changing controls.

Suggested next step

Treat this as a prompt to review your OT security posture against the references named above, and to read the original blog for its actual guidance. Map any useful points to your existing obligations under national OT requirements rather than adopting them wholesale.

What to do now

1. Read the full NIST blog post to see its actual guidance on water and wastewater OT.
2. Review NIST SP 800-82 and NIST IR 8576 as references for your OT security program.
3. Confirm your OT asset inventory and ownership are current for water-related systems.
4. Map any useful guidance to your obligations under NCA OTCC before changing controls.
5. Brief OT and IT security leads on the publication and agree who will assess it.