Cybersecurity Training for Water & Wastewater Operators & Supervisors

Purpose:

This training session is designed to provide Water and Wastewater plant operators and Plant Supervisors with the essential knowledge and skills needed to protect critical infrastructure from cyber threats. Participants will learn about the latest security measures, best practices, and practical solutions to ensure the integrity and safety of Water and Wastewater systems.

Audience:

- Plant Operators
- Plant Supervisors
- DPW Chiefs
- SCADA Integrators

Outline of the Training:

1. The threat
- Your Plant is a Target
- Nation-State Actors and their Proxies
- Current threat landscape and common attack vectors

2. Remote Access Security
- Remote Access is the biggest vulnerability
- Securing remote access and connections to plant equipment
- Implementing robust authentication and authorization mechanisms

3. Your Plant is no longer Air-Gapped
- What is connected to the Internet?
- Operators and Supervisors ARE Cyber Defenders
- Identifying and addressing common security flaws

4. The Importance of the Devices You Use to Operate the Plant
- Managing software and firmware updates in SCADA systems
- Pro Tips for Protecting your Devices
- Cyber Hygiene is Plant Hygiene

5. Manual Plant Operation
- How long will you be without your remote operations?
- Planning, Exercising and Sustaining

6. Incident Response and Recovery of Systems
- Operators have a role in Cyber Incident Response
- Developing and implementing incident response plans
- Recovery strategies to restore normal operation

7. Q&A Session

Brought to you by the **State of Maine**

Municipal Cyber Defense Program

The Maine Municipal Cyber Defense Program (MCDP), managed by The ATOM Group, is a key initiative for enhancing Maine's Cybersecurity Defense posture. Funded by the Maine Emergency Management Agency (MEMA) through the State and Local Cybersecurity Grant Program, it aims to protect public trust in government by providing comprehensive cybersecurity training.

The MCDP mitigates risk in the most vulnerable layer of Maine's Cyber Defense - The Human Intrusion Prevention System, also known as "The User." The training sessions are tailored to the organization type, the user's role in the organization, and the organization's existing cybersecurity readiness.

For more information, please contact:

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