

# Cybersecurity Advisory to Water Systems Regarding Iranian-Affiliated Cyber Attacks: EPA, FBI, CISA, NSA Issue Joint Advisory



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Several federal agencies issued on April 7th a document titled:

*Iranian-Affiliated Cyber Actors Exploit Programmable Logic Controllers Across US Critical Infrastructure* (“Advisory”).

The following federal agencies jointly issued the Advisory:

- Federal Bureau of Investigation.
- Cybersecurity and Infrastructure Security Agency.
- National Security Agency.
- Environmental Protection Agency.
- Department of Energy.
- United States Cyber Command – Cyber National Mission Force.

The Advisory states that Iran-affiliated advanced persistent threat (APT) actors are conducting exploitation activity targeting internet-facing operational technology devices. These include programmable logic controllers (“PLC”) manufactured by Rockwell Automation/Allen-Bradley.

The activity is stated to have led to PLC disruptions across several U.S. critical infrastructure sectors which include water and wastewater systems.

The Advisory includes:

- Background information.
- Similar Historical Activity Targeting Programmable Logic Controllers.
- Ongoing Threat Actor Activity Against U.S.-Based Programmable Logic Controllers.
- Technical Details.
- Initial Access.
- Command and Control.
- Impact.
- Indicators of Compromise.
- MITRE ATT&CK Tactics and Techniques.
- Mitigations.
- Network Defenders.
- Device Manufacturers.

- Validate Security Controls .
- Resources.
- Contact Information.

A copy of the Advisory can be found [here](#).