**SOLUTION OVERVIEW**

# Immediate Benefits of LinkGuard™ CyberCloak™ Capabilities for Water Treatment Authorities

Front line cyber defense protection – – NOW!

# CISA Alerts & Real Threats

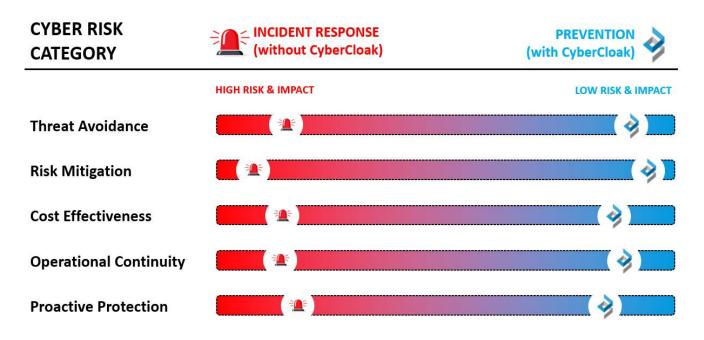## Alerts Highlight Immediate Need for Robust Cybersecurity

The recent joint agency advisory released by the **Cybersecurity and Infrastructure Security Agency** (CISA) has raised an alert regarding cyber threats targeting industrial control systems (ICS) in water treatment utilities. This highlights the immediate need for robust cybersecurity measures that are immediately actionable to protect critical infrastructure.

## Vulnerabilities to Water Utility Industrial Control Systems Exposed

Water treatment authorities play a crucial role in ensuring safe drinking water for communities. However, recent attacks, such as the one on the Aliquippa Water Authority in Pennsylvania, throw into a stark spotlight the vulnerabilities to cyber attacks that can disrupt water/wastewater treatment operations and compromise the safety of water supply. This is where LinkGuard CyberCloak capabilities come in to provide a crucial proactive solution to address these threats.

# Why Water Treatment Authorities Need LinkGuard

LinkGuard CyberCloak capabilities provide advanced cybersecurity functions specifically designed for ICS environments. LinkGuard offers protection against a wide range of cyber threats, including malware, phishing attacks, and ransomware, by obscuring critical assets and data. Essentially, if they can't see it, they can't hack it. With the rise in sophisticated cyber attacks on critical infrastructure, this front line defense security solution is essential.

| CYBER RISK CATEGORY | INCIDENT RESPONSE (without CyberCloak) | PREVENTION (with CyberCloak) |
|---|---|---|
| | HIGH RISK & IMPACT | LOW RISK & IMPACT |
| **Threat Avoidance** | | |
| **Risk Mitigation** | | |
| **Cost Effectiveness** | | |
| **Operational Continuity** | | |
| **Proactive Protection** | | |

## Remote Access at the Edge

LinkGuard offers secure remote access capabilities, allowing authorized personnel to monitor and manage critical systems remotely without compromising security. This capability is particularly useful for water treatment authorities that have multiple sites and need to monitor and control operations from a central location. With LinkGuard, remote access is encrypted and authenticated, ensuring that only authorized personnel can access the systems.



> "Businesses should ensure *"security by design"* of their third-party automation partners to ensure that control systems are isolated and that convenient public status report pages are not part of the design."
> - *Joe Weiss (ControlGlobal.com)*



## Protecting Critical Infrastructure

We've seen that any disruption or compromise to water utilities/facilities in their operations can have severe consequences. The recent cyber attacks are thought by many to be test scenarios that will lead to larger system shutdowns meant to cripple entire municipalities. By using LinkGuard, authorities can ensure the protection of their critical infrastructure, including industrial control systems (ICS), from cyber attacks.

## Resilient - Seamless - Efficient

Deploying LinkGuard's CyberCloak capabilities is quick with no integration complexity. LinkGuard is specifically designed to cover legacy systems at minimal cost. The solution is quantum resistant, and it has integrated support for AI features to enhance its benefits. LinkGuard's Express and Enterprise options integrate seamlessly, are immediately actionable, and bring comprehensive product support.
You don't need highly-specialized skilled experts on staff right now. You don't need huge budgets to deploy it. What you need is the proactive front line cyber defense that LinkGuard's CyberCloak capabilities provide . . . NOW!

## About Us

Blue Ridge Networks is a proven and trusted provider of cybersecurity breach prevention solutions. Our mission is to provide proactive protection of critical infrastructure that eliminates the adverse impacts associated with reactive responses to compromises.

Our unique CyberCloak capabilities secure critical assets and operations in zero-trust IT/OT network architectures. Regulated, Commercial, and Industrial organizations have trusted Blue Ridge Networks for over 20 years to prevent exploits and receive continuous returns on their investments while achieving uninterrupted operational efficiency.

**BLUERIDGE**®
NETWORKS

1-800-704-5234
sales@blueridgenetworks.com
BlueRidgeNetworks.com

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