AVANTI CONTROL SYSTEMS, INC

Your Automation Solutions Partner.

# INTRODUCING: AVANTI GUARDIA

In 2024, cyberattacks on U.S. water utilities surged. More than 70 percent of surveyed systems failed EPA cybersecurity standards, exposing 27 million people to risks like contaminated water and system shutdowns. Hackers from Russia, Iran and China bypassed firewalls via phishing, unpatched flaws and insider leaks, causing overflows in water treatment plants and ransomware hits on major providers like American Water.

Your network computers are the "canary in the coal mine," flashing irregular signals before hackers sabotage pumps, valves or treatment processes. **Avanti Guardia** (Italian for "Forward Guard") is constantly watching your canaries and provides a forward defense against attackers.


## AVANTI GUARDIA DELIVERS UNMATCHED PROTECTION

- **AI-powered real-time monitoring**
- **Instant patch deployment**
- **Anomaly detection and alerts**
- **Rapid-response capabilities**
- **24/7 monitoring/security center**

**FOR A FREE QUOTE, CONTACT OUR SALES DEPARTMENT AT (518) 921-4368 OR SEND AN E-MAIL TO SALES@ACSAUTOMATE.COM**

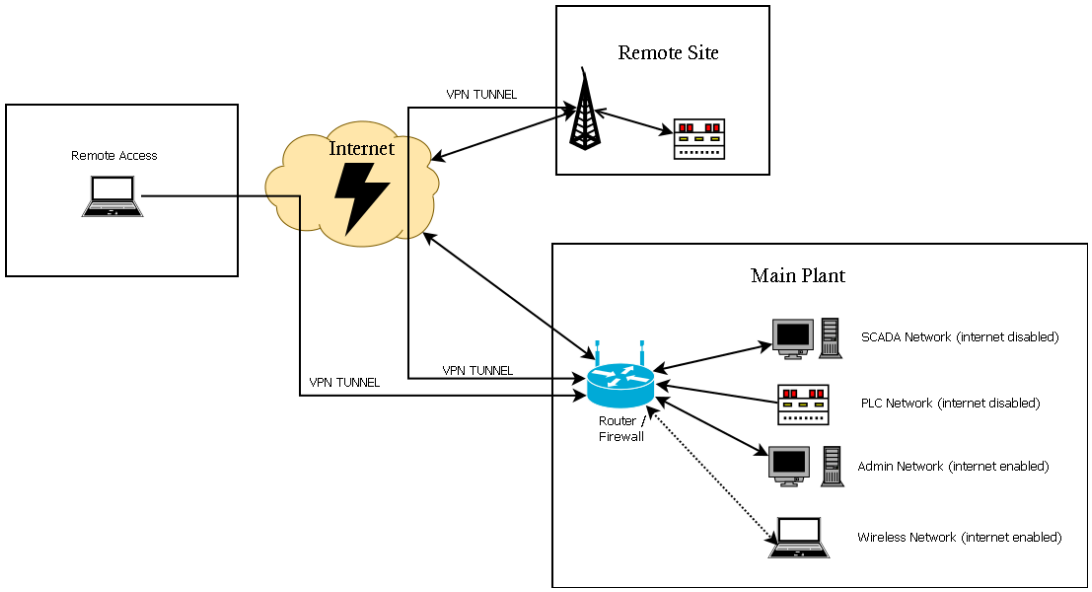
AVANTI CONTROL SYSTEMS, INC

Mayfield Commerce Park, 204 Co. Hwy. 157, Gloversville, NY 12078
Phone: (518) 921-4368 Web: www.avanticontrolsystems.com

# I DON'T HAVE INTERNET ACCESS ON MY SCADA SYSTEMS. AM I REALLY VULNERABLE?

**If your SCADA system and network has any of the following, you NEED Avanti Guardia:**

- Monitored remote sites
- VPN Tunnels
- Remote Access to SCADA
- Admin computers/WifI connected to the same router as your SCADA




Your router/firewall is the only thing standing between you and disaster. One vulnerability, one missed patch, and the bad guys are in your network. **Avanti Guardia** will protect your SCADA computers and your remote access devices from potential takeover. It's not just nation-states that want to ruin your day. Ransomware gangs have also targeted municipal infrastructure.

## RECENT CYBERATTACKS ON WATER UTILITIES, 2023-25

- **American Water, Oct. 2024:** The largest U.S. water utility hit, hackers disrupted billing and customer portals for a week, forcing system shutdowns.
- **Muleshoe Water Plant (Texas), Jan. 2024:** Russian-linked hacktivists caused tank overflow by remotely altering chemical levels via SCADA systems.
- **Multiple Texas facilities, early 2024:** Pro-Russia hackers remotely accessed SCADA controls, adjusting settings and posting videos online.
- **Aliquippa Municipal Water Authority (Pa.), late 2023:** Iran-afilliated hackers breached systems, targeting Israeli-made controllers to display anti-Israel messages.
- **Arkansas City Water Treatment (Kansas), Sept. 2024:** Cybersecurity incident forced manual operations switch.
- **Multiple U.S. systems, 2023-24:** Iranian and Chinese hackers probed facilities, and 70 percent of inspected utilities were non-compliant with EPA standards, exposing 110 million people to risks.

**PREVENT COSTLY DOWNTIME, ENSURE REGULATORY COMPLIANCE AND SECURE YOUR COMMUNITY'S LIFELINE.**
**DON'T WAIT FOR DISASTER. PROTECT YOUR PLANT NOW.**


AVANTI CONTROL SYSTEMS, INC

Mayfield Commerce Park, 204 Co. Hwy. 157, Gloversville, NY 12078
Phone: (518) 921-4368 Web: www.avanticontrolsystems.com