Binary Armor®
SCADA Network Guard
with Network Monitoring

Protects Against Cyberattacks

Bridges IT/OT Networks

Detects and Blocks Insider Threats

Binary Armor with Network Monitoring Capability

Experts note that awareness always precedes action. Cybersecurity protection follows the same general rule: Network and threat awareness precedes effective cybersecurity protection. Industrial control system (ICS) owners and operators understand this dynamic, and are deploying network monitoring solutions as a major step toward gaining actionable insight about their ICS networks.

GAI Technologies, and Affiliate Company of Sierra Nevada Corporation (SNC), is dedicated to providing world-class network **protection and monitoring**. We believe that network monitoring and rock-solid cybersecurity protection together are far more effective that network monitoring alone.

That is why we deploy network monitoring capability on our patented, certified Binary Armor hardware platform. The Binary Armor network monitor solution can be deployed in-line to provide protection and monitoring, or can be deployed out-of-band for passive network monitoring and awareness. Binary Armor network monitor gives ICS owners and operators more bang for the buck, so they can protect and monitor the availability and reliability of their industrial control networks.

sales@binaryarmor.com | binaryarmor.com

End-Point Cybersecurity Protection

Binary armor typically resides at Levels 2 or 3 in industrial control networks, and is most often employed as an end-point cybersecurity protection device as shown in Figure 1. Binary Armor has also been deployed to segment lower level network enclaves within industrial networks. Whenever Binary Armor is deployed as a protection device, it simultaneously monitors, logs, and reports every message that passes through, or attempts to pass through the device. Binary Armor can be configured to report all activity via syslog to well-known commercial or custom network monitoring applications. Binary Armor is a patented, certified, multi-function device providing best-in-class edge security coupled with network monitoring and awareness.

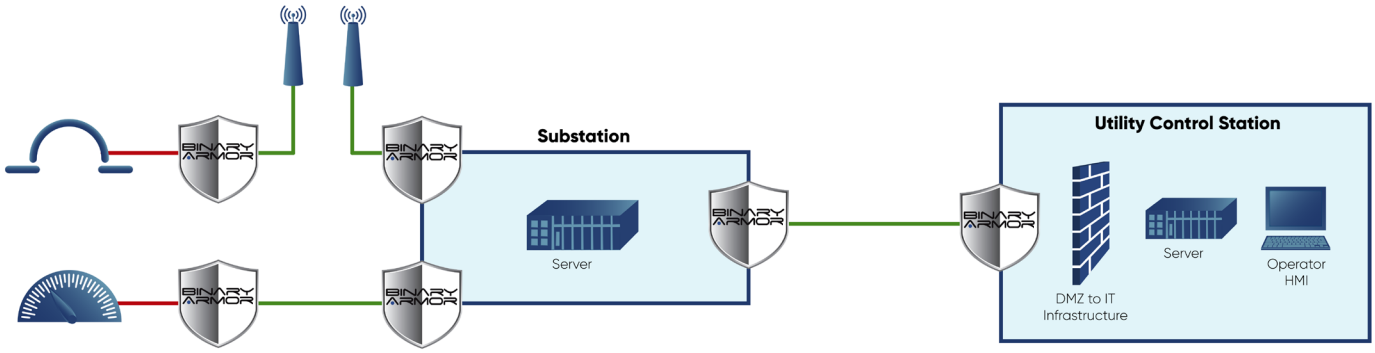

Figure 1 - Binary Armor Network Monitor In-Line Protection and Monitoring

Secure Network Sensor

Industrial control system owners / operators occasionally choose to deploy Binary Armor as a secure network sensor. In those situations, Binary Armor can be deployed in several places throughout the network to passively monitor, log, and report network traffic without employing the device's inherent protection capability. Binary Armor is usually installed out of band, connected to a switch's mirror port when functioning as a sensor as shown in Figure 2. There, Binary Armor can be configured to report all activity via syslog to well-known commercial or custom network monitoring applications.

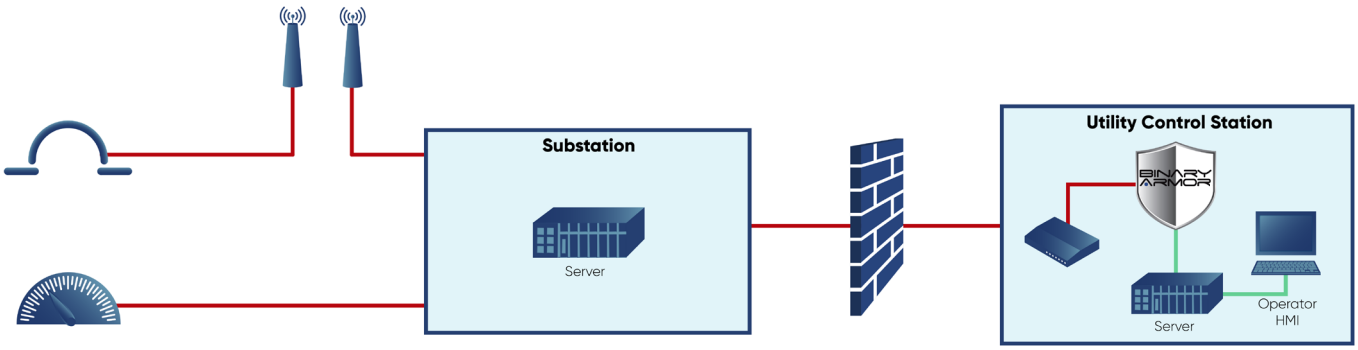

Figure 2 - Binary Armor Network Monitor Performing Monitor-Only Functions