

# Binary Armor® SCADA Network Guard

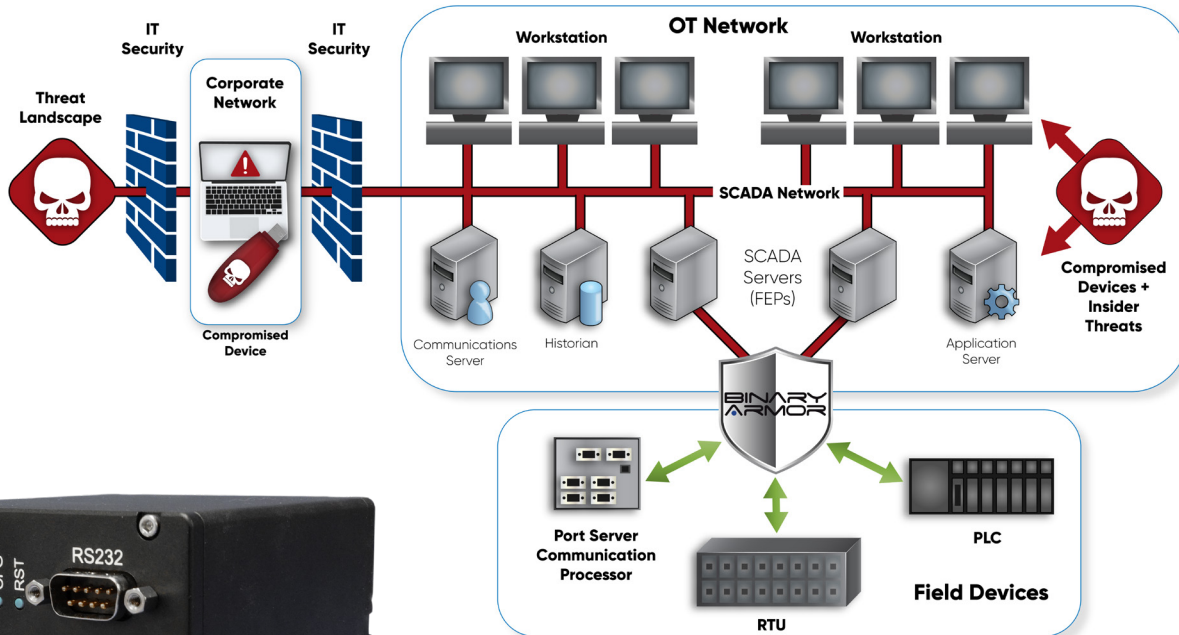
## Cybersecurity for Smart Grid & Critical Infrastructure

### **Data Validation to protect against operational outages and production loss.**

Binary Armor is an endpoint cybersecurity solution for Supervisory Control and Data Acquisition (SCADA) and Industrial Control System (ICS) networks. Designed to be installed in-line between Programmable Logic Controllers, remote terminal units, intelligent electronic devices or controllers and the WAN/LAN, the Binary Armor patented technology provides bi-directional security across all communication layers.

Binary Armor processes every byte of every message with a rule-set tailored to match the operational logic of the ICS to which it is deployed, ensuring only safe message traffic reaches critical systems. Binary Armor can be configured in a protected mode that prevents any modifications or updates without physical access to the system. Binary Armor provides the strongest and most robust cybersecurity for edge devices to protect remote facilities and critical infrastructure.

# Proven. Trusted. Certified.



## Product Specifications

Input Voltage	12-48 VDC
Dimensions	3.66 in. (9.4 cm) D 3.37 in. (8.6 cm) W 2.32 in. (5.8 cm) H
Weight	1.2 lb. (0.53 kg)
Power	4.5 W Nominal/ 9 W Max
Mounting Options	DIN Rail; VESA 50 mm x 50 mm Direct Mount
Operating Temp	Temperature range: -40° C to 85° C
EMC	Designed for CE/FCC compliance & Safety by CB Scheme
Shock & Vibration	Designed for EN50155 railway shock & vibration

ICS Protocols and Security	DNP3, Modbus, EtherNet/IP, ROC Plus, BACnet, IEC-61850 HTTP, FTP, SMTP, NTP, XML, FMV (MISB KLV and MPEG-2), Cursor On Target (CoT), NMEA 0183, Protobuf (Google Standard), other custom protocols
	TLS 1.2 encryption with server & client verification for all protocols
	Out-of-the-box support for custom binary or ASCII protocols
Interfaces	Key management through secure hardware token
	Bi-directional or data-diode modes of operation
Certifications/ Accreditations	2x Gigabit Ethernet RJ-45
	1x RS-232 Serial DB9
	2x TTL GPIO
	FIPS 140-2 Compliant DISA APL and NIAP Validated

sales@binaryarmor.com | binaryarmor.com



DATA CONTAINED WITHIN THIS DOCUMENT ARE SUBJECT TO CHANGE AT ANY TIME AT SNC'S DISCRETION.  
Sierra Nevada Corporation and SNC are trademarks of Sierra Nevada Corporation.  
©2018 Sierra Nevada Corporation

