

RED TRIDENT INC



# 2022 HOT SHEET: NEW PRODUCTS & DEVELOPMENT

DESIGNED BY OT PROFESSIONALS FOR OT PROFESSIONALS.



**CYBER-ECP™** Solves the complex challenges associated with rapidly enhancing cybersecurity for Operational Technology (OT). This appliance is a small form factor, DIN rail mounted device that is as simple to connect to the network as plugging in a laptop. Once connected, the Cyber-ECP is a linear chain of security controls with each control reducing the attack surface an adversary would have to attack an environment.



**ANOMALY-BASED THREAT DETECTION** Instead of searching for known threats, an anomaly-based detection system utilizes AI learning to train the detection system to recognize a normalized baseline. The baseline represents how the system normally behaves, and then all network activity is compared to that baseline to find potential threats.



**QUANTUM RESISTANT SECURITY** If large-scale quantum computers are ever built, they will be able to break many of the public-key cryptosystems currently in use. This would seriously compromise the integrity of OT systems. Even though experimental quantum computers currently lack the processing power to break any real cryptographic algorithm, Red Trident is designing new algorithms to prepare for a time when quantum computing becomes a threat. The Red Trident system uses cryptographic algorithms that will be secure against both quantum and classical computers, and can interoperate with existing OT systems, communications protocols and networks, making it hardened enough for the DOD and other three letter US agencies.

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