CYBER-ECP™

THE RED TRIDENT CYBER ENTRY CONTROL POINT

RED TRIDENT INC

Solves the complex challenges associated with rapidly enhancing cybersecurity for Operational Technology (OT).

WHAT IT IS:

Cyber-ECP appliance is a small form factor, Cloud Connected, DIN rail-mounted device that is as simple to connect to the network as plugging in a laptop. Once connected, Cyber-ECP is a linear chain of security controls with each control reducing the attack surface an adversary would have to attack an environment.

Red Trident's team of highly skilled OT Cybersecurity professionals monitor and manage Cyber-ECP's operations in our Security Operations Center (SOC), so your team can focus on running your business.

WHY DO YOU NEED IT?

More and more, organizations are connecting their hardware and software to networks without adequate security, and they are struggling to implement cost effective and non-intrusive security controls.

The industry needs a solution developed for the specific purpose of supporting Operations and Engineering teams to rapidly secure these environments, without modifying the network or the OT environment, and providing an easy solution for technical teams to use 24 hours a day – remote or onsite. Well pads, tank batteries, electrical substations, pump and compressor stations, and remote telemetry sites are all addressable with this product.

HOW IT WORKS:

Cyber-ECP is a linear chain of security controls with each control reducing the attack surface an adversary would have to attack an environment. Each control in the chain was specifically picked based on the various Tactics, Techniques, and Procedures (TTPs) adversaries use to breach an environment, and the most effective way to detect and protect against these TTPs.

By reducing the attack surface like Cyber-ECP has, an adversary is unable to pivot or test out various methods of breaching an environment without being detected. This also means that trusted employees and/or contractors that turn into insider threats can be detected early and prevented from impacting operations.

Unlike other solutions that require the end user to setup and configure the system with the hope it all works right, Red Trident built a solution that can be easily deployed, with Red Trident supporting you along the way.

HOW IT FITS

Cyber-ECP can easily be deployed in most OT networks to act as an OT Firewall at Purdue Level 1-2, or to more complex routed environments at Purdue Level 3.5. Well pads, tank batteries, electrical substations, pump and compressor stations, and remote telemetry sites are all addressable with this product.

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