



Eaton Industrial Network Defence

Protection and visibility for your OT networks

The number of threats to industrial control systems (ICS) and operation technology (OT) increased threefold in 2020¹, leading the World Economic Forum to describe attacks on critical infrastructure (CI) as “the new normal!”²

As the attack surface of CI continues to grow, so too does the volume of phishing scams, ransomware, bots, and other malware used by malicious entities looking for ways to compromise industrial operations or monetize their activity. Indeed, research shows that the number of ICS vulnerabilities disclosed in the first half of 2021 was up by 41% on the previous six months.³

At the same time, attacks on OT networks, such as those that operate a building’s security and lighting, electrical distribution, HVAC, and utility systems are becoming more common too, with bad actors using ever more sophisticated techniques to disrupt operations or gain access to more valuable assets such as emails, customer data, or sensitive corporate IP.

It’s essential, therefore, to ensure your ICS and OT networks are fully protected from such attacks.

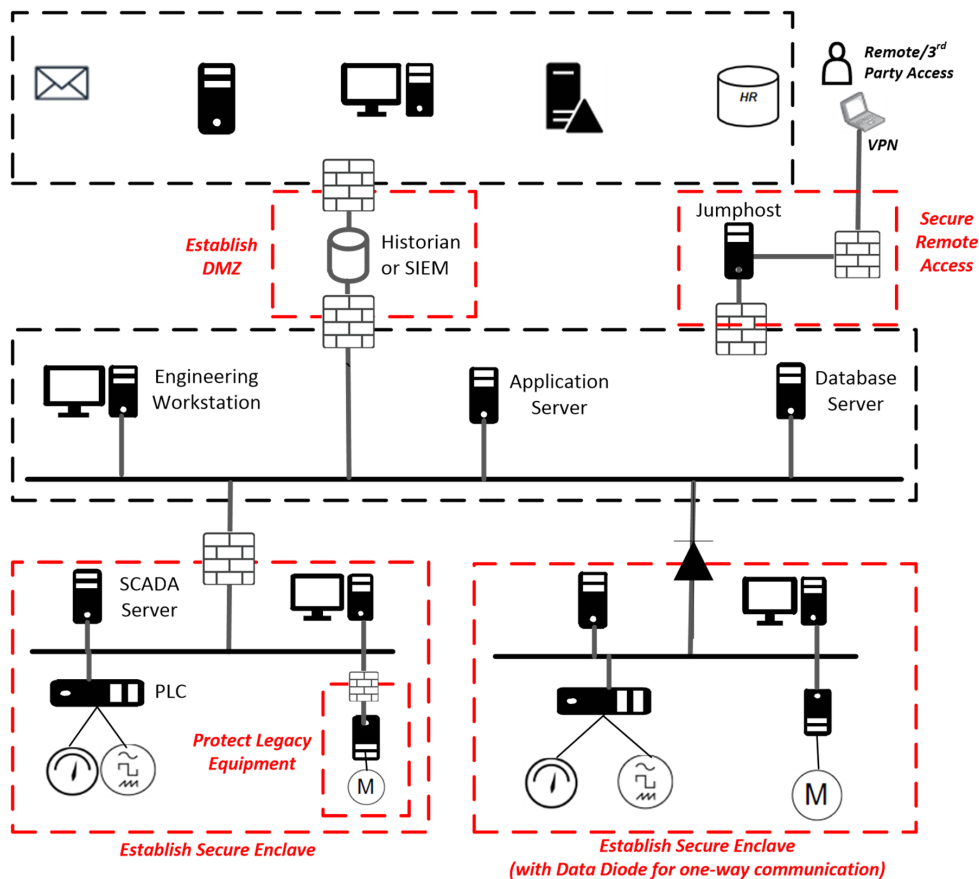


Powering Business Worldwide

¹ ICS Cybersecurity year in review - Dragos

² The Global Risks Report 2020 | World Economic Forum (weforum.org)

³ Biannual ICS Risk & Vulnerability Report: 1H 2021 – Clarity



Industrial Network Defence

Eaton's Industrial Network Defence service is a cost-effective and readily deployable way to add protection and visibility to ICS and OT systems, offering an array of network protection, monitoring, and intrusion detection solutions configured, deployed, and integrated into your surrounding systems.

Eaton has a team of intelligent power management experts that understand the critical nature of, are safety trained to access, and have specific training to address cybersecurity concerns of these ICS/OT systems. An Eaton expert will travel to your site to evaluate and install boundary defences, including firewalls, monitoring, and intrusion detection capabilities, and will work with you to configure the defences to control traffic flows, isolate functionality, segment networks, and gain real-time threat and vulnerability management of your networks. Eaton will also work to integrate these technologies into your existing infrastructure (include existing monitoring and centralized logging). Eaton understands these systems and how to retrofit these solutions to provide protection for your legacy systems, with a measure of asset visibility and monitoring, this Eaton service helps meet regulatory requirements for IEC 62443, NIST CF, NIST SP800-82, and NERC CIP, as well as industry best practices such as CIS CSC controls.

Why Eaton?

Eaton is a recognised leader in power management and cybersecurity, providing full lifecycle cybersecurity services that provide broad-based vulnerability analysis and actionable data. Eaton's services are designed to be executed on running systems by a cross-functional team of power management and cybersecurity experts.

At the core of Eaton's "secure by design" philosophy, cybersecurity is a foundational element in the lifecycle of all our products and services.

Several different options are available, depending on your network's specific needs. For example, the service can include configuring time synchronisation through NTP, syslog/SNMP integration into a SIEM, configuring traffic through a firewall in a DMZ, establishing a DMZ, securing remote access, and integrating functionality from existing customer devices (e.g. enabling port protection, centralized authentication, or syslog in an existing network device). Solutions delivered as part of the Industrial Network Defence service include:



Eaton MTL Tofino™ ETS - provides the highest level of network security for process automation applications, delivering defence in depth for a wide range of DCS, PLC, SCADA, networking, and automation systems. Sitting as an invisible device on the network, it is designed to stop threats without disrupting the critical process application.

[Eaton MTL » Controlling, operating and protecting assets in harsh and hazardous areas \(mtl-inst.com\)](https://www.mtl-inst.com)

For more information on Industrial Network Defence, please visit [Eaton.com](https://www.eaton.com)