

# TENABLE OT SECURITY

## Product Overview

At the heart of every industrial facility is a network of industrial control systems which is comprised of purpose-built controllers. Sometimes known as Programmable Logic Controllers (PLCs) and Remote Terminal Units (RTUs), these controllers are dedicated industrial devices that serve as the bedrock of all industrial processes. Today's sophisticated Operations Technology (OT) environments have a large attack surface with numerous attack vectors. Without complete visibility, security and control across the converged IT and OT, the likelihood of getting attacked is not a matter of if, it's a matter of when.

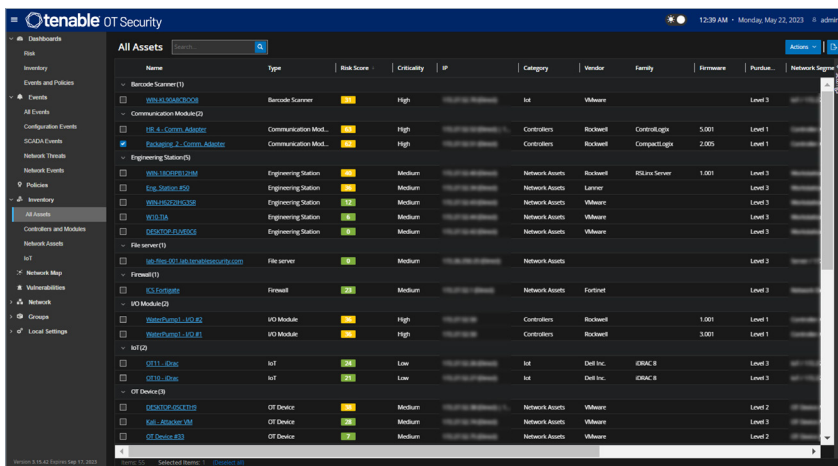
Tenable OT Security protects industrial networks from cyber threat s, malicious insiders, and human error. From complete visibility across the entire attack surface to threat detection and asset tracking, vulnerability management, and configuration control, our Industrial Control System (ICS) security capabilities maximize the safety and reliability of OT environments. The solution delivers deep situational awareness across all sites and their respective IT and OT environments.

- Wastewater treatment
- Oil and Gas
- Chemical and Petrochemical
- Pharma
- Nuclear Plants
- Water Utilities
- Discrete Manufacturing
- Power and Electric
- Building Automation
- Transportation
- Aerospace Industry
- Food & Beverages

Programmable Logic Controllers (PLCs) are core to the operations of critical infrastructure. Critical Infrastructure continues to expand to new businesses and disciplines.

## Key Benefits

- **Gain Full Visibility** across converged IT/OT operations. Eliminate blind spots which can harbor lateral threats that can traverse IT and OT.
- **Detect Network and Device Threats** that impact industrial and critical operations by leveraging multiple detection methodologies. Proactively threat hunt by using "Attack Vector" technology.
- **Identify and Track IT and OT Assets** Gain deep situational awareness into the operation and state of each and every device.
- **Reduce Risk** by identifying and triaging vulnerabilities and potential threats before they become exploits and impact industrial operations.
- **Track Configuration** changes with full audit trail capabilities. Determine whom, what and why changes were made as well as the result of those changes.



# Key Capabilities

## Converged Visibility

Tenable OT Security provides complete enterprise visibility by integrating with the rest of the Tenable product portfolio as well as leading IT security tools, such as SIEM, SOAR, next generation firewalls, diode based firewalls and more. The platform also shares information with CMDB, asset inventory platforms, change management tools and more. Our RESTful API is designed to facilitate extraction of data even to proprietary tools, giving a more coherent view of the IT & OT environments in a single pane of glass.

## Threat and Anomaly Detection

Tenable OT Security detects and alerts about threats coming from external and internal sources – whether human or malware based. Leveraging multi-detection methodologies Tenable OT Security identifies anomalous network behavior, enforces network security policies and tracks local changes on devices. Additionally, Tenable OT Security can perform device based threat detection which can identify security issues on dormant devices that do not communicate over the network and before attack proliferation. This enables organizations to **detect and mitigate risky events** in OT environments. Context-aware alerts include extended information and a comprehensive audit trail for fast incident response and forensic investigations.

## In-Depth Asset Visibility

Tenable OT Security's **automated asset discovery** and visualization capabilities provide a comprehensive up-to-date inventory of all network assets, including Workstations, Servers, HMIs, Historians, PLCs, RTUs, IEDs and network devices. Active device scanning capabilities enable the discovery of devices in the network's "blind" zone and local-only data. The inventory contains unparalleled asset information

depth – tracking firmware and OS versions, internal configuration, running software and users, as well as serial numbers and backplane configuration for both IT and OT based equipment.

## Risk-Based Vulnerability Management

Drawing on our comprehensive and detailed asset tracking capabilities, Tenable OT Security generates risk levels for every asset in your ICS network. These reports include risk scoring and detailed insights, along with mitigation suggestions. Our vulnerability assessment is based on various parameters such as firmware versions, relevant CVEs, proprietary research, default passwords, open ports, hotfixes installed and more. This enables authorized personnel to quickly identify new vulnerabilities and efficiently mitigate risk factors in the network.

## Tenable® - The Exposure Management Company

Leverage your existing security investments. Tenable OT Security fully integrates with Tenable Security Center and Tenable Vulnerability Management for full visibility, security and control across your converged operations. Tenable OT Security works in conjunction with Tenable Identity Exposure to identify Active Directory misconfigurations and threats which can result in ransomware attacks in OT environments. Tenable OT Security also has full integration with IT security technologies you already use such as IT service management, next-generation firewalls (NGFW) and security information and event management (SIEM) vendors.

With integration and collaboration across the Tenable product line as well as leading IT and OT security systems, you'll gain full situational awareness needed to secure

## About Tenable

Tenable® is the Exposure Management company. Approximately 43,000 organizations around the globe rely on Tenable to understand and reduce cyber risk. As the creator of Nessus®, Tenable extended its expertise in vulnerabilities to deliver the world's first platform to see and secure any digital asset on any computing platform. Tenable customers include approximately 60 percent of the Fortune 500, approximately 40 percent of the Global 2000, and large government agencies. Learn more at [tenable.com](https://tenable.com).

**For More Information:** Please visit our [Tenable OT Security](#) page

**Contact Us:** Please email us at [sales@tenable.com](mailto:sales@tenable.com) or visit [tenable.com/contact](https://tenable.com/contact)



COPYRIGHT 2023 TENABLE, INC. ALL RIGHTS RESERVED.  
TENABLE, NESSUS, LUMIN, ASSURE, AND THE TENABLE  
LOGO ARE REGISTERED TRADEMARKS OF TENABLE, INC.  
OR ITS AFFILIATES. ALL OTHER PRODUCTS OR SERVICES  
ARE TRADEMARKS OF THEIR RESPECTIVE OWNERS.