



# Tenable.ot for Owl Cyber Defense

## Business Challenge

Industrial control systems (ICS) are the bedrock of manufacturing processes and critical infrastructure. However, the convergence of your IT and OT environments contributes to an increased attack surface and potential attack vectors. What you once physically air-gapped, now requires technology solutions to view and manage IT and OT activity and threats without creating new ones.

As such, one of the major challenges organizations face is how to safely and seamlessly gain visibility and move data from your OT environment to your IT infrastructure without introducing any new threats.

## Solution

Tenable.ot protects industrial networks from cyber threats, malicious insiders and human error.

From threat detection and mitigation to asset tracking, vulnerability management, configuration control and patented active querying technology, Tenable.ot's ICS security capabilities maximize the safety and reliability of your operational and critical infrastructure environments. Tenable.ot delivers comprehensive situational awareness across all sites and respective OT assets.

Owl Cyber Defense is a leader in data diode and cross-domain network cybersecurity. Owl develops market-first, one-way data transfer products to meet a variety of operational needs, from entry-level to enterprise.

With today's emerging threats, you need full visibility, security and control between your IT and OT environments, and where appropriate, you need to separate your OT network from your IT network. In such cases, Owl diode can provide the necessary separation with accessibility to your IT/OT environments.

Tenable and Owl work together to pass needed data while ensuring diode-based air-gaps between networks. A Tenable.ot sensor is located on the critical/OT network and forwards captured traffic to Tenable.ot, which resides outside of your OT network. Owl separates the two networks, but sensor to ISP traffic can securely pass through it.

With this tested and proven joint solution, you can trust that your internal and critical networks are physically inaccessible from your external network while Tenable.it monitors your sensitive network for full security, visibility and control.



**OWL** Cyber Defense

## Technology Components

- Tenable.ot
- Owl DiOTa or DIN-Rail data diode with Talon proprietary software

## The Challenge

- IT and OT convergence increases your attack surface and attack vectors
- Achieving a comprehensive view in a single pane of glass
- Legacy OT systems are not architected with built-in security
- Increased network complexity and distribution makes environmental security and control difficult
- Increased targeting of manufacturing and critical infrastructure

## Key Benefits

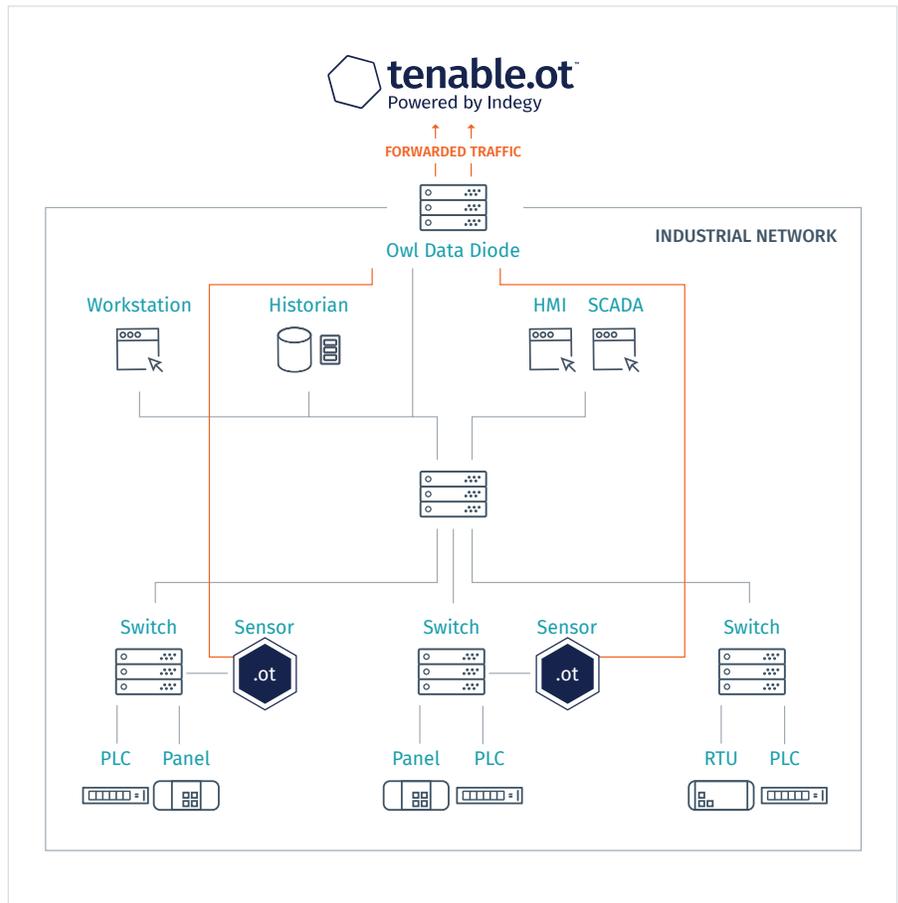
- The joint solution enables visibility of critical OT assets that were previously air-gapped from IT without introducing risk of lateral threats
- Tenable.ot's data seamlessly flows through the Owl diode
- The integrated solution makes it easy to configure and deploy network sensors in segments protected by the Owl diode
- Data diode stops threats that are detected
- Advanced 360-degree visibility solution delivers both IT and OT updates to security systems in isolated networks

## ABOUT TENABLE

Tenable®, Inc. is the Cyber Exposure company. Over 30,000 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 more than 50 percent of the Fortune 500, more than 30 percent of the Global 2000 and large government agencies. Learn more at [www.tenable.com](http://www.tenable.com).

## ABOUT OWL CYBER DEFENSE

Owl Cyber Defense is a leader in data diode and cross-domain network cybersecurity. With a constant focus on customers in the military, government, critical infrastructure, and commercial markets, Owl develops one-way data transfer products to meet a variety of operational needs—from entry level to enterprise.



## More Information

For support please contact: [support@tenable.com](mailto:support@tenable.com)

COPYRIGHT 2020 TENABLE, INC. ALL RIGHTS RESERVED. TENABLE, TENABLE.IO, TENABLE NETWORK SECURITY, NESSUS, SECURITYCENTER, SECURITYCENTER CONTINUOUS VIEW AND LOG CORRELATION ENGINE ARE REGISTERED TRADEMARKS OF TENABLE, INC. TENABLE.SC, TENABLE.OT, LUMIN, INDEGY, ASSURE, AND THE CYBER EXPOSURE COMPANY ARE TRADEMARKS OF TENABLE, INC. ALL OTHER PRODUCTS OR SERVICES ARE TRADEMARKS OF THEIR RESPECTIVE OWNERS.