SOLUTION OVERVIEW

TENABLE .OT AND BEYONDTRUST

SECURE REMOTE ACCESS & OT SECURITY FOR INDUSTRIAL OPERATIONS

The Tenable.ot - BeyondTrust partnership delivers secured access for privileged users to OT environments so required operations can happen from anywhere. Once inside the OT environment, full situational awareness at the network and device level ensures continued security across industrial operations.

BUSINESS CHALLENGE

- Inability to gain secured remote access to OT infrastructure
- Ensuring the right level of access for each individual based on their role
- Lacking a comprehensive view across the entire industrial infrastructure
- Inability to detect and mitigate threats impacting both IT and OT environments
- No automated OT asset discovery and inventory management

SOLUTION

The Tenable - BeyondTrust partnership offers complete visibility, security and control for the network and all industrial devices. This enables security professionals to effectively detect and mitigate threats to the safety, reliability and continuity of both the IT and OT converged environment.

NEW ATTACK VECTORS

Unlike IT networks, Industrial Control Systems lack visibility and security controls. OT networks do not have security features embedded and with the increased threats targeting industrial environments, are extremely vulnerable to attacks. Additionally, most of the devices on the network don't require authentication, making it virtually impossible to prevent unauthorized access or changes to critical devices. As convergence initiatives and Industrial Internet of Things (IIoT) continue to gain adoption in industrial and critical infrastructure environments, new attack vectors are being introduced to industrial and critical infrastructure environments. Without the proper security and access control, they can introduce unacceptable risk.

KEY BENEFITS

- Meet privileged access regulatory and security requirements
- End-to-end visibility and security for converged IT/OT networks
- Automated asset discovery and management
- Real-time threat detection with contextual alerts
- Continuous validation of asset configurations

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.

ANYWHERE ACCESS INCREASES RISK

Industrial networks natively do not have granular access control capabilities. Industrial operations may require employees, partners, vendors and subcontractors to have access to the OT environment as their roles require. With a more heterogeneous user base gaining access to critical operations, this can introduce risk into the environment. Moreover, remote access into operations as well as access to remote locations require a frictionless and secure connection with escalated credentials only to the resources needed for that job function.

THE PARTNERSHIP

Organizations are constantly at risk of security breaches with an ever-expanding threat landscape. To maintain a strong security posture, they must safeguard access to OT environments and maintain the visibility, security and control once inside the environment.Tenable and BeyondTrust have created a joint partnership to disrupt attack paths that can impact operations.

BeyondTrust's Privileged Remote Access mitigates the risks associated with credential theft or misuse and unmanaged access from third-party and internal users. It provides access control into the OT environment without hindering productivity and enables the management and control of third-party and insider access to sensitive systems via granular, role-based access.

Once inside, Tenable.ot disrupts attack paths and protects industrial and critical infrastructure from cyber threats. From inventory management and asset tracking to threat detection at the device and network level, vulnerability management, configuration control, Tenable's OT security capabilities maximize your visibility, security, and control across your entire operations.

Visibility

Gain crystal-clear situational awareness across your converged IT/OT environment in a single pane of glass.

Security

Protect your industrial network from advanced cyber threats and risks posed by hackers and malicious insiders.

Control

Take full control of your operations network by tracking ALL changes to any ICS device.

Tenable.ot offers comprehensive security tools and reports for IT and OT security personnel and engineers. It provides unmatched visibility into converged IT/OT operations, and delivers deep situational awareness across all sites, large and small and their respective OT assets—from Windows servers to PLC backplanes—in a single interface.