Transition Networks Cybersecurity Testing

Transition Networks and our manufacturing partners use several vulnerability scanning techniques to ensure the stability, reliability and security of our Layer 2 Smart Managed switch software.

We implement industry standard security features and authentication processes as part of our product programming functions to help protect from intrusion or attack of physical port connections and internal management control. As the industry improves on new vulnerability solution processes, Transition Networks upgrades firmware code with new protection features.

Please review our testing regimen below and reach out to our sales team to answer any other questions. Transition Networks is committed to creating solutions that are protected against security vulnerabilities.

Cyber Risk Assessment - Nessus:

The Nessus Tenable Cyber Exposure platform is the industry's first solution to holistically assess, manage and measure cyber risk. The Tenable platform provides the breadth of visibility into cyber risk across IT, Cloud, IoT and OT environments and the depth of analytics to measure and communicate cyber risk in business terms to make better strategic decisions.

DoS (Denial of Service) Testing - TFN2K:

The Tribe Flood Network or TFN is a set of computer programs to conduct various Denial of Service (DoS) attacks.

Layer 2 Security Testing - Yersinia:

Yersinia is a framework for performing layer 2 attacks. It is designed to take advantage of some weaknesses in different network protocols. It pretends to be a solid framework for analyzing and testing the deployed networks and systems.

Security Management, Compliance and Code Review - Black Duck:

Black Duck is a comprehensive solution for managing security, license compliance, and code quality risks that come from the use of open source in applications and containers.

Firmware upgrades

All vulnerability fixes are specified in our firmware upgrade release notes when the firmware is changed and released. Create an account on our website to be automatically notified when newly released software and its related release notes are available.