Tofino Configurator

Easy to use security management software that coordinates and verifies Tofino configurations across an entire factory or company.

Discover unconfigured Tofino Xenon Industrial Security Appliances in the network, so you can apply and verify their configuration.

+ **Simplify compliance to safety and security standards** with superior protection against attacks and misconfigurations.

+ **Reduce downtime, maintenance costs and production losses** by managing large deployments of data from a central location.
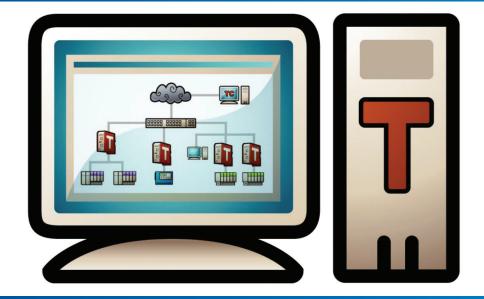
+ **Lower training and staffing costs** using easy-to-use intuitive graphical user interface with automatic rule suggestions, templates and help files.

+ **Improve system reliability and stability** through superior integration capabilities with Tripwire solutions.

Key Features

- Intuitive Windows-based graphical user interface
- Configure, manage, and audit all Tofino Security Appliances from one workstation
- Transfer configuration data from the application directly to the Tofino Security Appliances in the field
- Easily verify the configuration of Tofino Security Appliances over the network
- Pre-defined templates for more than 125 IT and industrial communication protocols
- Asset templates for quick and efficient creation of your plant's assets
- Flexible security controls to tailor project access to meet your needs
- Asset detection and discovery to help monitor and manage end devices
- Assisted Firewall rule generation provides suggested ruleset based on traffic patterns

Traditional security devices force you to configure them one at a time. This quickly becomes unmanageable as the number of devices increases. What's worse, this device centric view provides no way to see what is happening at the system level, so diagnosing and correcting security issues is time-consuming, error-prone, and expensive.

Be certain.
Belden.

Your Benefits

Configure and Manage Security for Your Control Network From One Location

The Tofino Configurator software enables configuration of all your Tofino Security Appliances from one workstation.

Using the Tofino Configurator you can quickly create a model of your entire control system. Visual editing tools help you create, edit, and test your Tofino configuration.

For quick and consistent setup, use the pre-built asset templates for common control products to have the firewall suggest the optimum rules to protect your control system. Alternately, create your own templates to enforce corporate consistency in your firewall rules.

Applications

- Process network security in power and electric utilities, oil and gas, chemicals, pulp and paper, and metals
- SCADA security for power, water/waste water, pipelines, and transportation systems
- Discrete automation security for automotive, food and beverage, aerospace, and semiconductor manufacturing

Tofino Configurator - Features and Specifications (3.2)

Type	Description
Discover Existing Hardware	Quickly build your project by scanning IP ranges to discover Tofino Security Appliances already installed on your network.
Create Security Rules	Create rules that specify which device may communicate and what protocols they may use. Add Enforcer Loadable Security Modules (LSMs) to provide stateful Deep Packet Inspection (DPI) to manage traffic based on high level message content. Multiple Enforcers are available for purchase with each one providing inspection for a different protocol.
Test Your Rules	Run in Test mode to check your firewall rules without causing network interruptions or configuration errors.
Number of Secured Devices	No limit. Thousands of Tofino Security Appliances may be managed from a single Tofino Configurator workstation.
Asset Discovery	Discover assets based on network traffic flow through Tofino. Use the asset information to help in firewall rule generation. • Assisted Firewall Rule Generation: provide a suggested firewall ruleset based on traffic patterns that flow through the Tofino Security Appliance (TSA). These suggested rules provide a baseline ruleset to aid in firewall rule generation. • Internal Syslog Viewer: view logs at syslog when the Tonifo Configurator Host System is configured as a syslog server. • Retrieve Diagnostic files via Network: Retrieve diagnostic files located at Tofino Security Appliance via network.
Device Configuration	• Network: uses secure SSH communications to configure each Tofino Security Appliance • Manual: encrypted configuration files may be saved on a USB storage device and loaded into Tofino Security Appliances via a secure USB port
Security Event Logging	Configure Tofino Security Appliances to report security alerts simultaneously to remote syslog servers and local nonvolatile memory for later retrieval.
Templates	Over 100 preloaded asset templates for common automation products allow you to rapidly create similar assets. You can also import new templates or create your own.
User Privileges	User identification and privileges based on your existing Windows Account Management setup provide three levels of access: View-Only, Configuration, and Administration.
System Requirements	• Windows XP, Windows 7 (32- and 64-bit), and Windows Server 2003, 2008, and 2008 SR2, Windows 10 (32- and 64-bit) • Dual-core CPU; minimum 1 GB RAM, 250 GB hard drive • Color monitor, minimum 1024 x 768 resolution
Ordering Information	Part number: **LSM: 942 016-118** (Tofino Configurator software included at no extra charge with all Tofino Xenon hardware orders) Name: **Tofino Configurator** For additional information, visit: www.belden.com/products/industrialnetworking/security/tofino-xenon.cfm

NOTE: These are the prominent technical specifications. For complete technical specifications visit: www.belden.com

Tofino Configurator is a component of the Tofino Security Solution

Tofino Xenon Industrial Security Appliance

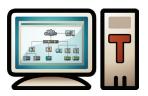Tofino hardware platform that creates Plug-n-Protect™ zones of security on control and SCADA networks.

Loadable Security Modules

- **Firewall:** Monitors and secures industrial network traffic
- **Modbus, OPC, EtherNet/IP, DNP3 and IEC 104 and GOOSE Enforcers:** Ensure compliance, manage connections, and restrict ICS/ SCADA commands
- **Event Logger:** Reliably logs security events and alarms

Tofino Configurator (3.2)

Software that provides coordinated security management of all Tofino Security Appliances from one workstation or server.