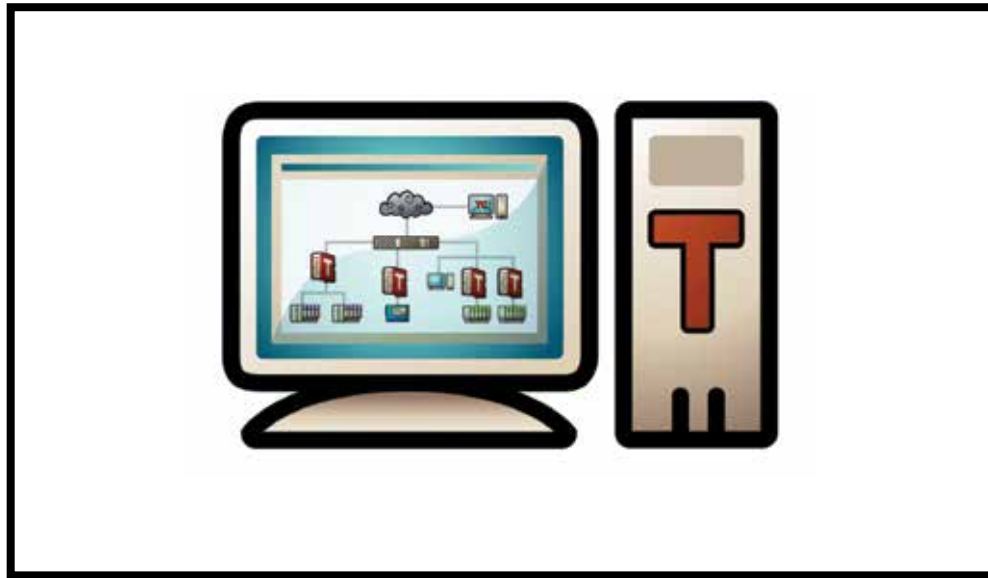


PB 1089TAG

Tofino™ Configurator

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



Discover unconfigured Tofino Security Appliances in the network, and apply and verify their configuration.



A new product to serve your needs. Be certain.

Configure and Manage Security for Your Control Network From One Location

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.

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.

Saves you Money Through:

- Simplifying compliance to safety and security standards
- Reduced down time and production losses
- Lower training and staffing costs
- Improved system reliability and stability

Unique Capabilities:

- 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

Typical Applications

- Process network security in 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 semi-conductor manufacturing

Tofino Configurator

Features and Specifications

Type	Description
Discover existing hardware	Quickly build your project by scanning IP ranges to discover Tofino Security Appliances already installed on your network (requires NetConnect LSM).
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.
Device configuration	<ul style="list-style-type: none"> <i>Network:</i> uses secure SSH communications to configure each Tofino Security Appliance <i>Manual:</i> 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	<ul style="list-style-type: none"> Windows XP, Windows 7 (32- and 64-bit), and Windows Server 2003, 2008, and 2008 SR2 Dual-core CPU; minimum 1GB RAM, 250GB hard drive Color monitor, minimum 1024 x 768 resolution
Ordering information	Part number: 942 016-118 (included at no extra charge with all Tofino Xenon hardware orders) Name: Tofino™ Configurator For additional information, visit www.belden.com/resourcecenter

Tofino™ Configurator is a component of the Tofino Security Solution:

Tofino Security Appliance

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



Loadable Security Modules

Firmware modules that customize the security features of each Tofino SA:

- **Firewall:** Monitors and secures industrial network traffic
- **Modbus, OPC, and EtherNet/IP Enforcers:** Ensure compliance, manage connections, and restrict ICS/SCADA commands
- **NetConnect:** Provides secure remote configuration over any IP-based network
- **Event Logger:** Reliably logs security events and alarms

Tofino Configurator

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

