

Tofino™ SCADA Security Simulator

A Portable SCADA System for Security Research and Training

Data Sheet

DS-TSSS
Version 1.0



A Complete SCADA System in a Portable Package

The Tofino SCADA Security Simulator is a complete control system in a box, designed for easy presentation of control system and security concepts. It demonstrates the vulnerability of SCADA and PLC components to security failures, highlighting their impact on critical industrial processes. It also shows how to protect systems from attacks using modern SCADA security technologies.

Start by demonstrating how SCADA and Industrial Control System (ICS) systems operate, using actual PLC, RTU and HMI components. Next, use real zero-day exploits to attack the control system and destroy the industrial process. Finally, secure the complete system using the Tofino Industrial Security Solution.

The Tofino SCADA Security Simulator is an excellent platform for testing, research or training in the SCADA and ICS security field. It provides hands-on experience and reveals the impact of SCADA security in a tangible and visual manner.

Unique capabilities:

- Completely self-contained SCADA solution
- Highly realistic industrial scenarios
- Features popular PLC controllers
- Proven zero-day SCADA vulnerabilities with fully functional exploits
- Rugged
- Easy to use
- The only portable SCADA simulation system in a carry-on case

Key features:

- Simple step-by-step instructions to demonstrate SCADA operations, security risks and security solutions
- Hands-on access to all components of a typical SCADA system in one portable unit, including a critical process, a PLC and HMIs
- Simulations available for gas pipelines, power, chemical plants and water utilities
- Available in large "trade show" format or in portable carry-on size for easy transport
- Basic and advanced demo scripts included

Typical applications:

- Education
- Research
- Training
- Product Sales

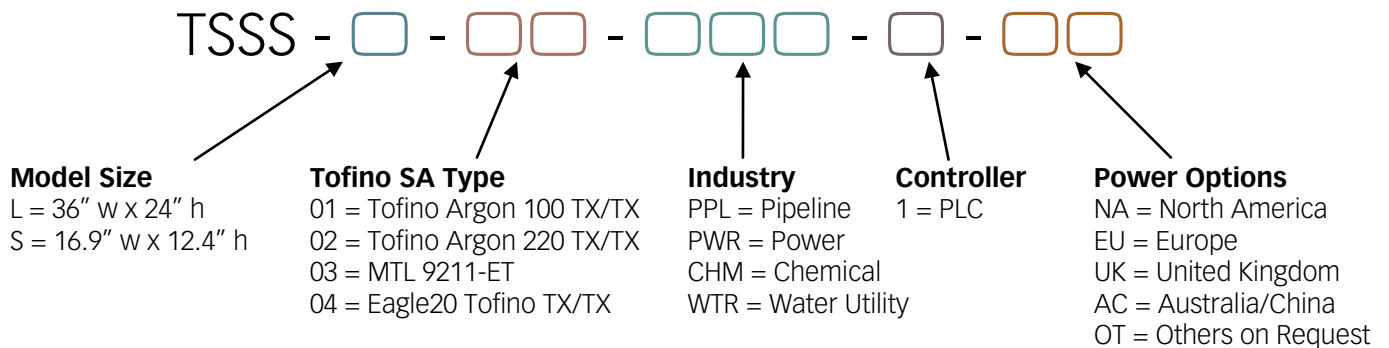
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2010 World Customer Value
Enhancement Award
tofinosecurity.com/awards

TOFINO®

Included Components	Industry standard PLC and simulated process system on a Demo Panel
	Tofino Security Appliance (SA)
	Tofino HMI/CMP Netbook
	Human Machine Interface (HMI) software (installed on Netbook)
	Tofino Central Management Platform (CMP) software (installed on Netbook)
	USB Attack Key (infected with 0-day SCADA Worm) and lockdown cable
	USB mouse for Netbook
	Ethernet Cables
	Demo Panel Power Supply (100-240 VAC In/ 24 VDC Out)
	Netbook Power Supply (100-240 VAC In/ 19 VDC Out)
	Tofino SCADA Security Simulator User's Manual
	Options
Tofino Security Appliance (SA) Types: <ul style="list-style-type: none"> ▪ Tofino Argon 100 TX/TX ▪ Tofino Argon 220 TX/TX ▪ MTL 9211-ET Tofino ▪ Hirschmann Eagle20 Tofino TX/TX For information on Tofino SA types, visit www.tofinosecurity.com/products/tofino-product-series	
Industry Simulated: <ul style="list-style-type: none"> ▪ Pipeline ▪ Power ▪ Chemical ▪ Water Utility 	
Controller: <ul style="list-style-type: none"> ▪ PLC 	
Power Options: <ul style="list-style-type: none"> ▪ North America ▪ Europe ▪ Others on Request ▪ United Kingdom ▪ Australia/China 	
Custom Graphics, Logos and Side Panels available on request	

How to order the Tofino™ SCADA Security Simulator:



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Your authorized Tofino supplier: