Tofino™ SCADA Security Simulator

A Portable SCADA System for Security Research and Training

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

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)
	PDF file (infected with 0-day SCADA Worm)
	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		
	Model Size:	
	▪ Trade Show Display (36" x 24")	▪ Portable Carry-On (16.9" x 12.4")
	Tofino Security Appliance (SA) Types:	
	▪ Tofino Argon 100 TX/TX	▪ MTL 9211-ET Tofino
	▪ Tofino Argon 220 TX/TX	▪ Hirschmann Eagle20 Tofino TX/TX
	Industry Simulated:	
	▪ Pipeline	▪ Chemical
	▪ Power	▪ Water Utility
	Controller:	
	▪ PLC	
	Power Options:	
	▪ North America	▪ United Kingdom
	▪ Europe	▪ Australia/China
	▪ Others on Request	
	Custom Graphics, Logos and Side Panels available on request	

How to order the Tofino™ SCADA Security Simulator:
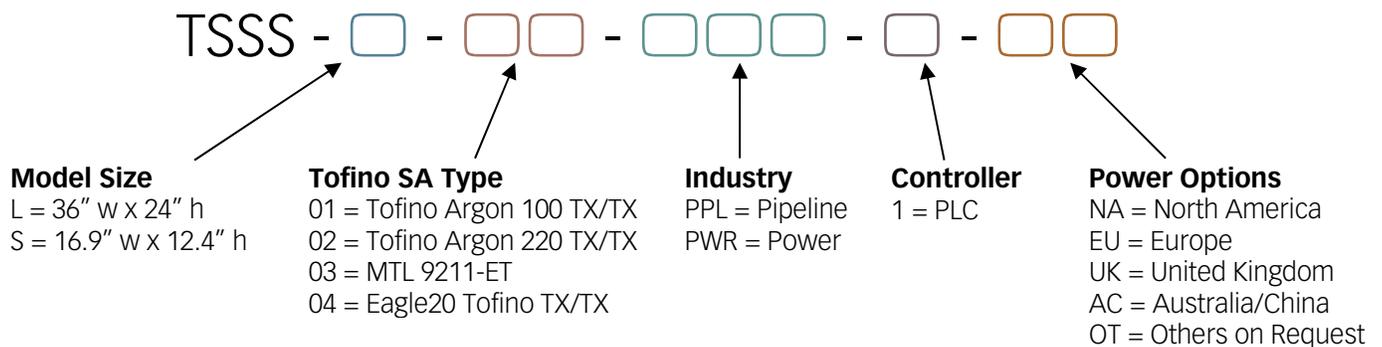
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Model Size
L = 36" w x 24" h
S = 16.9" w x 12.4" h

Tofino SA Type
01 = Tofino Argon 100 TX/TX
02 = Tofino Argon 220 TX/TX
03 = MTL 9211-ET
04 = Eagle20 Tofino TX/TX

Industry
PPL = Pipeline
PWR = Power

Controller
1 = PLC

Power Options
NA = North America
EU = Europe
UK = United Kingdom
AC = Australia/China
OT = Others on Request

Your authorized Tofino supplier:

TOFINO™
tofinosecurity.com