ICS **PROTECTION**

Defend critical industrial control systems against cyberattacks

Transporting data to and from devices in the ICS infrastructure increases the risks of malicious code entering your control systems. Norman Shark ICS Protection secures your systems against USB- borne malware threats by enforcing iron-clad security policies across the entire ICS infrastructure.

"From a security standpoint, the USB removable media device should be regarded no differently than the public Internet."

Computers running Norman Shark ICS Protection Agent will not accept any removable USB media device that has not been scanned and validated by the USB scanner station, thereby blocking all file transfer and application execution from unauthorized devices.

Stops both intentional and unintentional malware infections

» Secure HMI devices, engineering workstations, and Windows-based computers against unauthorized access or code execution
» Detects and cleans malicious files by quarantine or deletion
» Eliminates the human factor in your security equation

Dedicated Scanner Station ensures authorized removable USB storage

» Real-time USB scanning using Norman Shark's high performance scanner engine

» Continuously updated with small and efficient detection criteria
» Supports multiple archive file formats and can unpack several layers of packers
» Uses Norman Shark's SandBox which can detect unknown malware and zero-day exploits

Main console for Scanner Station USB incidents and handling

» Web-based console management of Scanner Station configuration
» Reports on historical scans and statistics, malware detected, and devices blocked
» Identifies devices where malware has been found by their label
» Powerful RESTful API allows integration into different environments and workflows

Simple deployment, natural workflow, low maintenance

» Rapidly deploy in three easy steps: (1) Install the scanner station; (2) Create user agents; and (3) Installing user agents on ICS computers you want to protect
» Very low administrator overhead

Update signatures on Scanner Stations without Internet access

» Update ICS Protection via USB device if Internet access is unavailable or prohibited

www.normanshark.com

Norman Shark ICS Protection Agent

» Small, lightweight non-interruptible driver provides continuous real-time protection of on-line ICS devices
» Blocks unauthorized code from being run, with no visible drain on system resources
» Withstands uninstallation attempts even from logged in administrators

Industrial grade hardware designed for hostile environments

» USB scanner station hardware can be placed on factory floors, in production shops, in remote inhospitable environments, or in public reception areas

Operating System Support

32-bits	64-bits
Windows XP Service Pack 2	-
Windows Vista	Windows Vista
Windows 7	Windows 7
Windows Server 2003 SP1	-
Windows Server 2008	Windows Server 2008
Windows Server 2008 R2	Windows Server 2008 R2

Technical Specifications

Form Factor	All-in-one industrial grade PC
Touch screen	5-wire resistive (capacitive upon request)
LCD size	12,1 inch, resolution 1024 x 764
USB ports	4 x USB 2.0, 1 x mini USB I front
LAN	2 x Gbe RJ-45 connector
Operating Temp	-20 degree C – 60 degree C
Dimension (W x H x D)	310 x 265 x 52.6
Mounting	Panel, Wall, Rack, Stand and Arm VESA 100 mm x 100 mm
IP Level (front panel)	IP 64 compliant front panel
Vibration	MIL-STD-810F 514.5C-2 (with CF card or SSD)

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