

Trend Micro Portable Security™ 3

Malware Scanning and Cleanup Tool for Air-gapped Systems and Standalone PCs

There was a time when air-gapped environments and stand-alone computers without internet access were considered immune to cyberattack. That time is gone, and these environments can no longer be considered safe. Although air-gapped systems are not connected to the internet, they can still be affected by security risks and are particularly vulnerable to infection by malware brought in on physical media, such as USB flash drives. These types of attack now frequently affect air-gapped smart factories and critical infrastructure, and the number of attacks and level of impact are increasing.

Securing this type of environment is not an easy task. Industries such as manufacturing, public utilities, and healthcare employ a wide variety of devices that are difficult to secure effectively using traditional anti-malware solutions. Not only do these environments lack an external internet connection, but they often contain a mixture of Windows® and Linux® devices, which may be installed with legacy version operating systems. Providing a first-rate security solution to this type of diverse environment is imperative to the overall security posture of an organization and requires an innovative approach.



Trend Micro Portable Security™ 3 provides effective malware scanning and removal to standalone computers and air-gapped systems. It is a portable tool that plugs into the USB port of any Windows or Linux device to detect and eliminate malware without installing software. Once a scan is in progress, the LED light changes color to indicate whether malware has been detected, eliminated, or if further investigation is required. During the device scan, Portable Security 3 also collects asset information, helping to improve OT visibility and eliminate shadow OT. The Management Program can deploy scanning configuration settings to multiple scanning tools, either remotely or physically. It also compiles and integrates the scan logs and asset information from multiple scanning tools in multiple locations, providing a holistic view of all endpoints.

KEY FEATURES

Scanning Tool

- Secures air-gapped systems against threats
- Ability to delete or quarantine malicious files
- Multiple malware scanning options
- Up-to-date malware pattern file updates
- Supports on-demand scan and boot scan
- Status notifications with LED
- Embedded self-security protection
- Integrated scan logs
- Supports scheduled operations¹
- Friendly graphical user interface
- Support for both Windows® and Linux® **NEW**
- Collects asset information **NEW**
- Supports case-sensitive file and folder names in Windows **NEW**
- Supports USB 3.0 **NEW**
- 16GB of storage **NEW**

Management Program

- Multiple scanning tool management
- Scan settings configuration and deployment
- Centralized log view and management
- Malware pattern file updates
- Supports physical or remote management
- Collaboration with Trend Micro Safe Lock™ TXOne Edition

¹ Schedule operation requires installation of scanning tool agent

ADVANTAGES

No software installation required

- By loading scanning software onto a portable tool resembling a USB flash drive, malware detection and removal are facilitated without installing software on the target systems. This allows you to perform on-demand malware scans whenever and wherever required, and you never have to worry about performance impacts to scanned devices.

Scan using the latest pattern files

- Malware scanning can be performed on-demand using up-to-minute pattern files, preventing the spread of even the most recent malware on computers in closed-network environments.

Easy operation

- The portable malware scanning tool can be used across multiple ICS or endpoint devices. You can launch multiple connected scanning tools on multiple endpoints simultaneously. Once a scan is complete on one endpoint, just remove the scanning tool and plug it into the next endpoint.
- The built-in notification LEDs display the status of a malware scan.



One Tool, Multiple Platforms

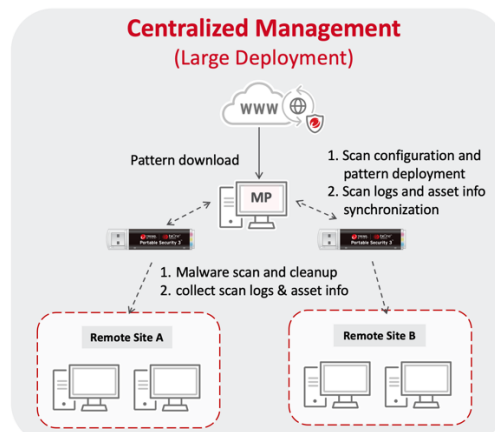
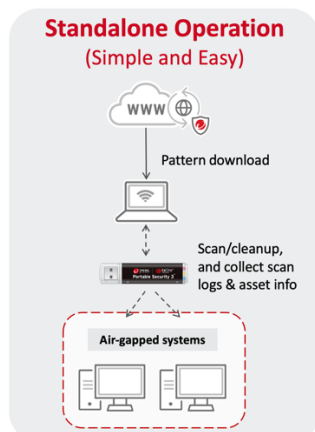
- **Support for Windows and Linux:** Portable Security supports multiple platforms including Windows and Linux, from legacy versions to the latest builds. Multiple platforms are securely protected with a single scanning tool.

Eliminate Shadow OT

- Portable Security collects a detailed snapshot of asset data including computer information, Windows Update status, and application lists. This information is collected effortlessly while the scan is being performed. Asset data can now be collected from standalone PCs and devices in air-gapped systems that were previously undetected using asset discovery and management tools. Asset information can be exported from the Management Program to CSV files.

Centralized management

- The Portable Security Management Program provides an integrated view of scans occurring across multiple scanning tools and endpoints. Pattern file updates, configuration deployment, and correlation of scan logs and asset information can all be performed through this program to meet administrator policy requirements.



SUPPORT PLATFORMS

Windows XP
Windows Vista
Windows 7
Windows 8/8.1
Windows 10
Windows 2000
Windows Server 2003
Windows Server 2008
Windows Server 2012
Windows Server 2016
Windows Server 2019
Windows XP Embedded
Windows Embedded Standard 2009
Windows Embedded Standard 7
Windows Embedded Standard 8 / 8.1
Windows Embedded POSReady 2009
Windows Embedded POSReady 7
Windows Embedded POSReady 7
Windows XP Professional for Embedded Systems
Windows Vista for Embedded Systems
Windows 7 for Embedded Systems
Windows Server 2003 for Embedded Systems
Windows Server 2008 for Embedded Systems
Windows Server 2012 for Embedded Systems
Windows Server 2016 for Embedded Systems
Windows Server 2019 for Embedded Systems
Windows 10 IoT Enterprise
CentOS Linux 6 x86/x64 **NEW**
CentOS Linux 7 x86/x64 **NEW**
Red Hat Enterprise Linux 6 x86/x64 **NEW**
Red Hat Enterprise Linux 7 x86/x64 **NEW**
Red Hat Enterprise Linux 8 x86/x64 **NEW**