GateScanner PE

Live Boot Multi-AV Disk Scanner

Scan entire hard disks of PCs, laptops, UAVs, SCADA controllers, point-of-sales devices, medical equipment or any Windows® and Linux based computing appliance for malware, with multiple AV engines, in a live environment.

Offline disk scanning enables comprehensive and thorough inspection of the entire storage device, including system files, boot sectors, and hidden areas that may be inaccessible during regular online scanning.

By operating offline, the scanning process is isolated from potential network-based threats and can more effectively identify and remove deeply embedded malware that may be actively evading detection when the operating system is running.

GateScanner® PE scans Windows and Linux based appliances and computing assets using WinPE technology. The solution is loaded into the appliance memory during pre-execution boot, scanning the entire hard disk drive (HDD) with up to six leading commercial anti-virus engines.

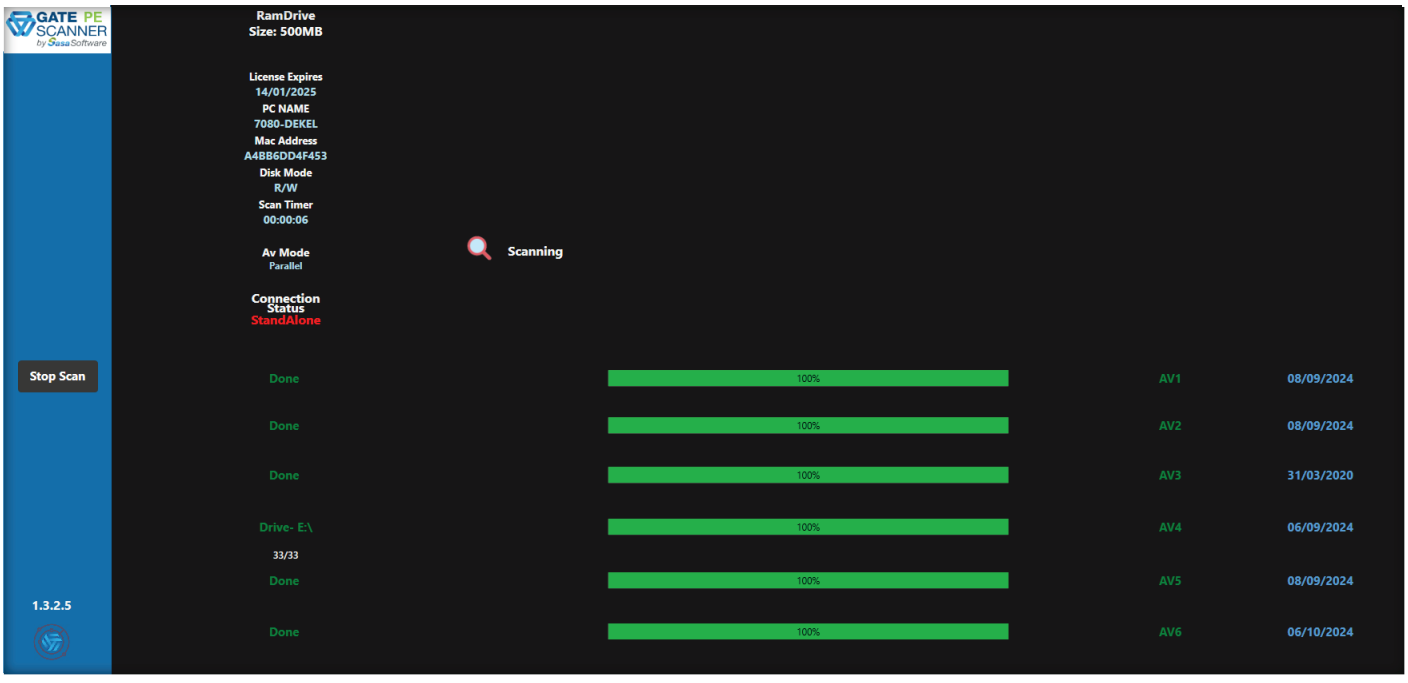
As no software is installed and no configuration changes are made, the appliance integrity is fully maintained. The combination of multi-AV scans and entire HDD coverage dramatically improves security against threats.

Features

- Uses a WinPE client, running entirely in memory, pre-execution (pre OS) environment. No software installed and no configuration changes performed
- Scans the entire appliance HDD or select paths, using six leading commercial anti-virus engines
- Option for sequential or parallel scanning for performance optimization
- Available on portable media (USB stick or DVD) or via PXE Server
- Supports BitLocker® encrypted drives
- Comprehensive scan logging

GateScanner PE Specifications:

- Enables the application of 3-6 different AV scanners on all drives of an offline device
- Unlimited recursive archive extraction
- Per-drive BitLocker lock/unlock settings
- Identifies Windows versions installed on the scanned device
- Supports NTFS and FAT32 file systems (contact us for full list of supported systems)
- Supports VHD, VHDX and QCOW virtual hard disk standards
- On-display scan timer and post-scan results with the option to save to disk.
- The log includes:
  - Details of detections and exceptions , including their SHA-256 hashes.
  - Scan details - date & time of scan, AV engines deployed in the scan (with their CRC's) and antivirus last update dates.
- Isolable **AV Updater** and **WIN PE ISO Creator** applications
- Automatic AV updating with scheduler
- Kiosk mode UI with exclusive control of the scanned device from boot.



GS PE performing multiple AV scans in parralel on offline drive E:

[1] Windows XP; Windows Server 2008 - and later

[2] Exceptions are files reported by the AV as not scanned, such as for password protected/encrypted files, unsupported file types and empty files.