

Patented SSD Erasure Method: Features & Benefits

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Detect

Ensure all SSDs are securely erased, regardless of make or model, using the same approach.

- Firmware Level Erasure: Leverages essential internal erasure commands to sanitize SSDs, including Block Erase and Cryptographic Erasure
- Includes multiple random overwrites, freeze lock removal and full verification
- Utilizes all supported SSD security protocols
- Ensures all steps are performed and completed in proper order through an automated process
- Prevents any compression or deduplication mechanism from being applied by SSD controller
- Fills the whole logical capacity of the drive with a random data stream
- Uses truly random/uncompressible data, not merely a repeating bit pattern
- Ensures data is written across the full logical capacity of the SSD (and not just compressed) with double pass overwrites

Erase

Allow your organization to handle SSDs in the same manner as HDDs, with the desired through-put and configuration.

- Available as stand-alone software (Blancco Drive Eraser) or installed on hardware (e.g., Blancco E800)
- Interface agnostic, covering all common SSD interfaces (including SATA, SAS, eMMC and NVMe)
- Enables access to key internal SSD security features, which are necessary to ensure total and immutable erasure

Verify

Read the entire drive to verify that no data has been left behind.

- Ensures operational validity of the drive
- Detects any anomalies in the erasure process
- Eliminates false positives

Certify

Store reports that certify and prove secure erasure across all SSDs.

- **100% tamper-proof audit trail** through digitally signed certificates of proof of erasure

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