



Blanco Virtual Machine Eraser

Certified Data Erasure for Virtual Environments – Compliance Without Compromise

Blanco Virtual Machine Eraser provides organizations with a secure, certified way to erase virtual machines and their associated data across VMware ESXi environments. Whether decommissioning test workloads, migrating data center capacity, or retiring infrastructure, it ensures that sensitive data is erased completely and verifiably.

Every erasure generates a tamper-proof, digitally signed report, delivering trusted evidence for compliance with leading data protection regulations such as PCI DSS, ISO 27040, and ISO 27001. By integrating into VMware operations, Blanco makes secure erasure part of everyday data center workflows, reducing risk across the full lifecycle of virtual machines.

Key Benefits

- ▶ **Flexible VMware Support:** Secure erasure workflows designed for VMware ESXi environments.
- ▶ **Complete Virtual Machine Erasure:** Removes all files associated with the targeted virtual machine, including virtual disks, configuration files, and snapshots.
- ▶ **Operational Efficiency:** Run erasures on one or multiple virtual machines to streamline data center operations.
- ▶ **Risk Reduction:** Automatically ensures erased VMs cannot be recovered, protecting sensitive data and minimizing compliance exposure.
- ▶ **Centralized Compliance:** Integrates with the Blanco Management Portal for detailed auditing, reporting, and policy enforcement.
- ▶ **VMware Integration:** Streamlined erasure workflows through VMware administration tools, reducing manual effort and ensuring consistent operations.
- ▶ **Audit-Ready Proof:** Every erasure generates a digitally signed, tamper-proof report, ensuring compliance with internal policies and external regulations.

WHY BLANCCO

Blanco Technology Group provides organizations with secure, compliant, and automated solutions that accelerate the transition to the circular economy.

All erasures are verified and certified through a tamper-proof audit trail. With nearly 25 years of responding to customer needs and 35+ patented or patent-pending ideas, Blanco is the industry standard in data erasure and mobile lifecycle solutions. Our dedication to technological innovation empowers top-tier enterprises, IT asset disposition (ITAD) vendors, and mobile industry stakeholders to protect end-of-life data against unauthorized access, comply with data protection requirements, extend the useable life of IT assets, accelerate operations, and enhance the mobile customer experience.

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Technical Specifications

AUTOMATION, INSTALLATION & USER MANAGEMENT

► Automatic

Option 1: Your own portal (management tool) calls secure erasure of all virtual machines into action through HTTP POST via a REST API on the ESXi host server level »» Install a VIB package on the ESXi host servers

Option 2: Full integration in VMware's vCloud Director to replace the "Delete" command with Blanco's secure erasure of all virtual machines on the ESXi host server level

► Semi-Automatic

Integrate directly with the vCenter Server user interface so that users have the option to securely erase virtual machines with a simple right click

► Manual

Option 1: On-Demand erasure of selected virtual machines on ESXi host servers: Extract the installation package (tarball) and issue erasure commands via an SSH session to the ESXi host
Note: ESXi version 8 is supported through this method only

Option 2: Type 2 hypervisors installed on Windows operating systems receive a standard .EXE installation package and erasure commands are issued via the Command Prompt

REPORTING

- Erasure reports ensure compliance with standards and regulations like PCI DSS, ISO 27040 and ISO 27001
- Centralized, digitally-signed and tamper-proof erasure report options
- Detailed reports in PDF format for easy viewing and XML files for centralized reporting
- Add custom fields in reports according to process requirements
- Detailed reporting includes everything needed for compliance such as exact time, virtual machine name, datastore name, and the names and sizes of all of the erased files associated with the targeted virtual machine(s)

ERASURE

- All files associated with the targeted virtual machine(s) are also erased (virtual machine hard disk files, configuration files, snapshots, etc.)
- Virtual machines hosted on ESXi host servers are automatically powered off and removed from the inventory when the erasure command is given

SUPPORTED HYPERVISORS

- VMware Hypervisor ESXi with VMFS, versions 6, 7, and 8

AUDITING

- Full integration with Blanco Management Portal; detailed auditing and control to ensure full compliance