Blancco Drive Eraser version 6.6.0 and Drive Eraser Configuration Tool 2.5.0 has been released!

Drive Eraser 6.6.0 / Drive Eraser Configuration Tool 2.5.0 - Release notes

Important:

Due to its new report digital signature, the Blancco Drive Eraser 6.6.0 is not compatible with the Blancco Management Console 4.7.1 or lower (report importing and sending will fail consistently).

- If you are using a local BMC and want to upgrade to BDE 6.6.0, please upgrade first to BMC 4.8.0 or higher.
- If you are using the Blancco Cloud and want to upgrade to BDE 6.6.0, please wait until December 24 before importing or sending your reports to
- BDE 6.6.0 has the same hardware support than BDE 6.5.2; you can still use v6.5.2 in Production during the time you need to migrate to BMC
- The BMC 4.8.0 is fully compatible with BDE 6.6.0 as well as with older BDE releases (< 6.6.0).
- · Digital Signature has been removed from the Fingerprint

Features:

- ALBUS-5814, ALBUST-435 Automatic fallback for NIST standards
 - BDE can be configured to fall back to the "NIST 800-88 Clear" standard in case the "NIST 800-88 Purge" standard is not supported or
 - o For customers requiring compliance with NIST Purge or Clear. Requires BDECT 2.5.0 or higher.
- ALBUS-2038, ALBUST-442 SMART tests for ATA drives
 - Self-monitoring tests can be executed before the erasure on ATA drives that support them (HDD, SSD). 3 tests are available (Short, Extended, Conveyance).
 - These tests monitor the mechanical/electrical properties of the drive and perform read/verify checks in order to identify if the drive is defective. Tests can be preconfigured with BDECT 2.5.0 or higher.
- ALBUS-5757 New digital signature for reports
 - The BDE 6.6.0 reports include a new digital signature using state of the art encryption and hashing algorithms.
 - For increased security and compliance with the ANSSI certification. Requires Blancco Management Console 4.8.0 or higher! The 6.6.0 is not compatible with BMC 4.7.1 or lower!
- ALBUS-5754 Display the erasure time left per drive
 - Each drive displays the time left to complete the erasure. Both the erasure percentage and the time left are displayed in alternation under each drive.
 - o When BDE is run in "Report-per-Drive" (Appliance) mode, this helps to identify which drive will be erased first in order to know when to unplug it and plug a new one.
- ALBUS-5811 Generic hardware appliance package
 - o The BDE 6.6.0 is the first release that provides a generic "hardware package" that can be installed on any machine, in addition to the Blancco Hardware Appliances.
 - o Installing the BDE 6.6.0_HW package on a machine provides improved stability and allows storing the erasure reports on the internal drive. BDE 6.6.0 is installed along BMC 4.8.0.
 - Ensure that the machine onto which you install the 6.6.0_HW package meets the minimum requirements (available in the "Known Issues & Recommendations" section).
- ALBUS-5939 Canadian Police "RCMP TSSIT OPS-II" erasure standard
 - New erasure standard doing 7 overwrites.
 - o For customers requiring compliance with this standard.

Bug fixes/Improvements:

- · ALBUS-5996 If "NIST 800-88 Purge" is not supported and the NIST fallback is enabled, the Purge standard will be reported with an exception.
 - Reporting a non-supported standard helps to understand the fallback logic and is useful in case of a report auditing.
- · ALBUS-5946 The execution of the Sanitize Overwrite command has been optimized and can be carried out in a few hours instead of a few days (the erasure time has divided by ~15). Effects the "NIST 800-88 Purge" standard on ATA HDDs supporting the Sanitize Overwrite command. The final erasure time depends on the drive capacity and speed.
 - o This is the continuation of the feature ALBUS-5864 (Enable Sanitize Overwrite on ATA HDDs) added in v6.5.2.
- ALBUS-5923 USB (and USB-C) to Ethernet adapters were not well supported when booting BDE via PXE. This has been fixed in 6.6.0.
 - This is the continuation of the feature ALBUS-4625 (PXE booting improvements) communicated along with v6.5.2.
- ALBUS-5961 Improving the security of the user preferences embedded in the BDE image.
- ALBUS-5885 If the battery test fails due to a low voltage, the report will show a clear error message.
- ALBUS-5971 The digital signature of the Fingerprint report has been removed.
- ALBUS-5468 The booting option is always visible in the splash screen.
- SHARED-298 The new digital signature consists of 344 characters (compared to the 64 characters of the old signature). This digital signature is still reported in the PDF report with a smaller font.
 - This is part of the feature ALBUS-5757 (New digital signature for reports).
- ALBUST-463 Support for BDE/B5 versions < 5.7.0 will be dropped in future versions of BDECT, loading an erasure client < v5.7.0 will display a message informing about this.
 - Effects future BDECT releases (> 2.5.0).
- ALBUST-453 Custom fields defined with a regular expression cannot be preconfigured.
 - Preconfigured values did not necessarily verify the regexp and could end up in the final report.

Available in **BDECT 2.5.0** or higher.

Known issues & Recommendations:

- ALBUS-5864 The minimum requirements to install and run the BDE 6.6.0_HW software are:
 - Processor: 64bit
 - RAM: 4 GB
 - Internal storage: 50 GB
 - HBA/RAID: use a controller that is supported
 - o If you are connecting several drives for erasure and/or if you are running both BDE and BMC, adding more RAM and using a good processor is recommended. The internal drive capacity depends on the amount of drives you are processing, use an SSD drive to increase the R/W speed. You can find more information on the BDE user manual.
- We have noticed a problem when erasing more than one ATA HDD.
 - The conditions to reproduce:
 - One of the drives erased is a Seagate.
 - SMART tests are executed before the erasure.

 The Sanitize Overwrite command is executed (through "NIST 800-88 Purge").
 - The outcome is that the Sanitize Overwrite command on the Seagate drive will fail (aborted).
 - o The problem appears to be disk specific (only affects Seagate drives, the tested model was ST1000NX0443). The problem has been reproduced with both the Short and the Extended SMART tests.
- · When accessing the BDE Configuration Tool, it is recommended to avoid using Firefox 64.0 under Windows 10, this combination is known to experience issues with downloading ISO images.