Blancco Drive Eraser version 6.3.0 has been released!

Features:

- **ALBUS-5346** - Improvements to the drive hotswap. The whole drive hotswap has been revisited and several improvements have been added: better drive (re)identification, pausing erasures while refreshing the list of drives, queuing a refresh order if drives are executing a firmware command, clear UI messages.
- **ALBUS-5427** - Display the firmware-based erasure steps in the drive's progress bar Some popular erasure standards require the execution of firmware-based erasure commands. During these steps the drive erases itself, the user is advised not to interact with the drive nor to shut down the machine. These steps are now displayed in the UI as an animation in the drive's progress bar.
- **ALBUS-5124** - Support for UEFI Secure Boot Secure Boot is a security feature that prevents any unsigned operating system from booting on a UEFI machine. Blancco Drive Eraser includes now a signed bootloader that is capable of booting on any UEFI machine that has the Secure Boot feature enabled.
- **ALBUS-5192 ALBUST-426** Disable the freeze-lock removal Some machines do not support the BDE's freeze lock removal procedure and end up with a black screen or unresponsive. There is now a configurable booting parameter that prevents this procedure from happening during the whole session.
- **ALBUS-5350** - Support for the "BSI-2011-VS" erasure standard The secure erasure standard "BSI-2011-VS" is now supported. This standard is recommended by BSI (German Federal Office for Information Security) to securely erase HDDs.
- **ALBUS-5437 ALBUST-425** - Fingerprint in any sector of the drive The Fingerprint report (a summary of the erasure report stored in a sector of the erased drive) can now be saved in any sector, including the previously reserved sectors 0-199.

Bug fixes/Improvements:

- **ALBUS-5449 ALBUS-5448** - Fix for a bug where the "NIST 800-88 Purge" was reported as successful when in reality it should have failed.
- **ALBUS-5568** - Fix for a bug where SATA disks were occasionally re-identified as IDE disks after refreshing the list of drives.
- **ALBUS-5383 ALBUS-5504** - Fix for a bug where drives were not detected on Microsoft Surface Laptops.
- **ALBUS-5502** - Fix for a bug where erasure licenses were consumed multiple times when erasing NVMe drives with 2 namespaces with Automatic or Semi-automatic process.
- **ALBUS-5321** - Fix for a collection of issues detected when refreshing the list of drives in Blancco E800/E2400 hardware appliances (lost drives, erasures reset, progress stuck, etc.).
- **ALBUS-5335** - Fix for a bug where Microsoft Surface 3 machines could not be erased.
- **ALBUS-5181** - Fix for a bug where an erasure optional step (Cryptographic Erasure) was considered mandatory and failed the whole erasure.
- **ALBUS-5141 ALBUS-4421 ALBUS-5549** - Fix for a bug where server RAM was misreported in MB (e.g. 32MB instead of 32GB).
- **ALBUS-5402** - Fix for a black screen on Lenovo P500 machines.
- **ALBUS-5028** - Fix for a bug where the "Usage description" field overlapped the product edition and version.
- **ALBUS-5551 ALBUS-5541** - Fix for a bug where, if a machine has multiple network interfaces and the network cable was not connected to the first Ethernet port, none of the interfaces would work after bootup
- **ALBUS-5326** - Fix for a bug where the Trendnet TU2-ET100 USB to Ethernet adapter did not work anymore.
- **ALBUS-4771** - Fix for a bug where a wired/wireless network interface preconfigured via BDECT would not be selected by default in the BDE Settings.
- **ALBUS-5244** - Fix for a bug where the Screen test would become locked.
- **ALBUS-5472 ALBUS-5392 ALBUS-3837 ALBUS-4909 ALBUS-4983 ALBUS-5517** - Fix for several minor bugs: inconsistent messages when report sending/saving failed, Hexviewer sector selection did not filter out non-numerical values, incorrect focus when switching to the Standard view from the Advanced view (Erasure-step), the license icon on a remotely erased machine not connected to the BMC did not show correct license information, DCO/HPA removal animation was not scaled properly, tooltips were shown even if the mouse was not over the object.
- **ALBUST-422** - Fix for a bug where custom fields with regular expressions could not be updated via BDE which prevented saving/sending the report.
- **ALBUS-5400** - Improving the "NIST 800-88 Clear" erasure standard. If the target drive is a SATA SSD where the command Secure Erase is not supported or fails, the standard falls back to a normal overwriting with 0x00.
- **ALBUS-5408** - Improving the verification of firmware-based erasure commands. The patterns used before executing a firmware command are now aperiodic random instead of static ones.
- **ALBUS-5441** - Improving the alternative verification of firmware-based erasure commands. Searching for absence of previously written patterns is now performed sector by sector.
- **ALBUS-5493** - Improving the "Blancco SSD Erasure" on eMMC drives. If the verification of the Sanitize command fails, the standard will fall back to executing a Secure Erase command.
- **ALBUS-5475** - Improving the "NIST 800-88 Purge" on SCSI/SAS drives. If the verification of the Block Erase or Overwrite command fails, the standard will fall back to executing a Crypto Erase command.
- **ALBUS-5476** - Improving the "NIST 800-88 Purge" on NVMe drives. The verification of the Crypto Erase command is only an alternative verification.
- **ALBUS-5483** - Improving the "NIST 800-88 Purge" on eMMC drives. If the verification of the Sanitize command fails, the standard will fall back to executing a Secure Erase command.
- **ALBUS-5442** - Improving the "BSI-GS/E". A supported but failed firmware-based erasure will not fall back to a 0x00 overwrite.
- **ALBUS-5492** - Improving the "BSI-GS/E" on SATA drives. If the verification of the Enhanced Secure Erase command fails, the standard will fall back to executing a Secure Erase command.
- **ALBUS-5481** - Erasing a drive with "BSI-2011-VS" will produce an exception "Alternative verification (absence of previously written pattern) used".
- **ALBUS-5088** - Improving the usability of the Blancco hardware appliances. Changing the erasure options during a session will be remembered in the next session (after a reboot).
- **ALBUS-5363** - Improving the calculation of the overall erasure progress in the Screen Saver. This value is an average of the ongoing erasures (running and paused) weighted by the erased drives capacities.
- **ALBUS-5576** - Some erasure standards doing normal overwriting are shown as "not supported" with logical disks (and they should be supported). E.g. "CESG CPA - Higher Level", "DOD 5220.22-M ECE", "HMG Infosec Standard 5, Lower Standard", "HMG Infosec Standard 5, Higher Standard" and "Opnavinst 5239.1A".
- **ALBUS-5411** - Overwriting fails consistently on large SCSI/SAS drives (more than 2TB) behind some HP Smart Array controllers (e.g. P410).
- **ALBUS-5233** - Executing the Block Erase command on some Samsung SSDs (e.g. MZHPV256HDGL or MZHPU256HCGL) does not work and puts the drive in an unresponsive state.

- **ALBUS-5191** - MacPro machines end up in a black screen if the BDE freeze lock removal procedure is attempted.