

# Hard Drive contains password following a failed erasure with Drive Eraser

Created	Updated	Affects version	Fix version
N/A	01 Nov 2019	Drive Eraser all versions	-

## Problem

After a failed attempt at erasing certain drives, the drive may contain a password following an erasure when you try to boot it next, it may also become not visible within the Drive Eraser software because of this!

## Cause

This issue usually occurs on drives that have DCO or HPA areas that need to be erased or removed, the reason this issue occurs is because Drive Eraser needs to set a password on the drive in order to run firmware based erasure commands, if some errors occur during this phase it is possible that the software leaves the drive locked. This issue can also occur with erasure standards which otherwise utilize firmware based erasure command during the erasure process, such as Blancco SSD Method or NIST 800-88 Purge.

With the normal process the password will be removed later on. Typically we use the password "blancco" if the software needs to set the password to the drive. If the password stays on the drive after the failed erasure due to some error, rebooting the software should unlock the drive again and remove the password.

## Resolution

The fact that even though the software locks the disk with the password "blancco", in some instances the password may not work when typed into the prompt asking for the disk password even though the correct password has been entered

Solution for this is to:

1. Try bypassing the password-dialog by pressing ESC or typing password wrong multiple times
  - booting will continue (disk stays locked, but that's OK)
2. Boot Blancco Drive Eraser
3. Drive Eraser will detect that the disk is password locked and will try to open it with "blancco"-password
4. Here the password works OK and the disk password is removed

With machines that won't allow you to continue booting with disk locked, there are two options:

- Take the disk to another machine which allows booting to continue with a locked disk
- Connect the disk to machine "on-the-fly" after the BIOS goes past the disk detection, but before booting Blancco Drive Eraser

If the issue persists please submit a ticket to Blancco Technical Support.