



User Guide

Deep Freeze



This guide was prepared by Lifelites



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What is Deep Freeze?

Faronics Deep Freeze helps eliminate workstation damage and downtime by making computer configurations indestructible. Once Deep Freeze is installed on a PC, any changes made to the computer (regardless of whether they are accidental or malicious) are never permanent. Deep Freeze provides immediate immunity from many of the problems that plague computers today.

Deep Freeze ensures computers are absolutely bulletproof, even when users have full access to system software and settings. Users get to enjoy a pristine and unrestricted computing experience, while IT personnel are freed from tedious helpdesk requests, constant system maintenance, and continuous configuration drift.

How to Use Deep Freeze

Step 1: Understanding the 2 Deep Freeze States

The Deep Freeze software puts the computer into 2 different states: Frozen and Thawed.

When the machine is in a **Frozen** state, any changes to the computer will be removed on reboot.

This includes :

- all locally saved files
- any configuration changes and
- any newly installed software or updates.

It does this by reverting to a factory '*Image*'. This default image can be changed using the Thawed State. The machine will be in this frozen state by default.

When the machine is in a **Thawed** state, any changes, saved files, or newly installed software and updates will be permanent. Any information added or changed will be added to the *default image* until the machine is placed back into the Frozen state.

If the machine is then frozen again, this will be the new default image that the machine will rollback to on reboot.

Step 2: Changing the State of the Machine

By default the machine will be in a *frozen* state. This will be indicated by a small icon on the task bar (bottom right of the desktop).

Frozen Icon



Thawed Icon



To open the Deep Freeze program, hold the Shift key and double click on the taskbar icon. This will open a password box.

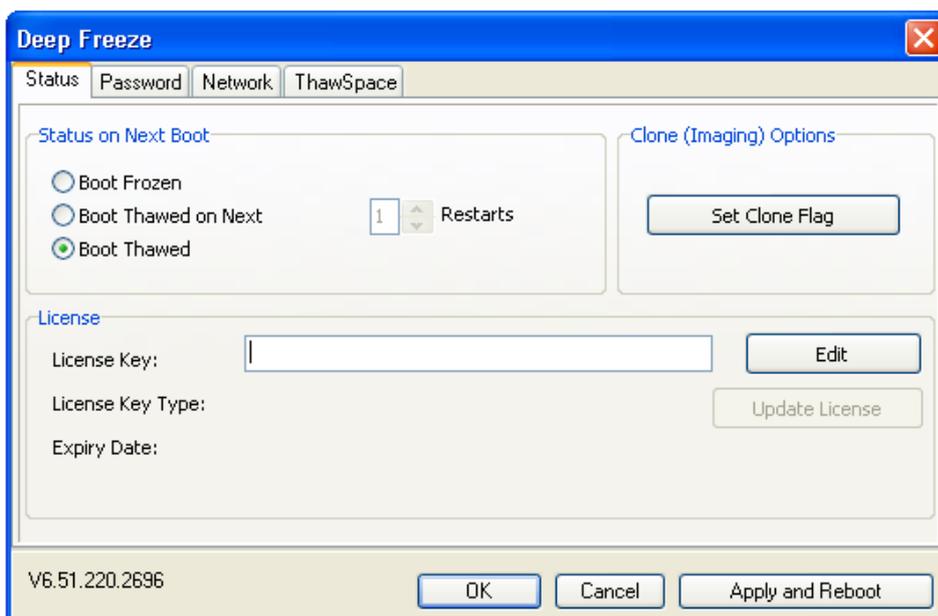


Enter the password and then

click OK

This will open up to the Deep Freeze Main Menu

Please Note: If you have forgotten your password, please contact Lifelites IT Support on the following number **07833 251755**

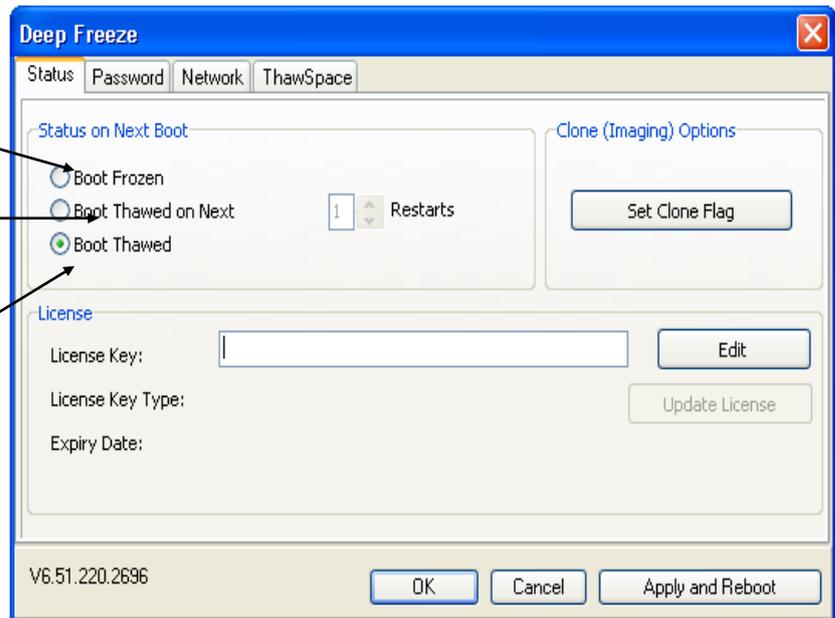


From this menu, you can change the state that the machine boots into using the 'Status on Next Boot' selections:

Boot Frozen
The machine will boot in it's Frozen state.

Boot Thawed on Next
Restarts after a user defined number of reboots. The machine will boot in a Thawed state.

Boot Thawed
The machine will boot in the Thawed state



Warning: Once a new state has been selected, you **MUST** click the 'Apply and Reboot' button. If this is not clicked, the machine will remain in its current state. This is especially important when moving from a Thawed state to a Frozen state.



Warning: It is not recommended that any other setting is changed. Changing the additional settings may cause the software to become unstable.

Step 3: Updating the Default Image

Lifelites create a default image for the machine. This image contains software that will need to be updated from time to time, e.g. virus definitions, Windows updates.

Because of this, the machine will need to be booted into the Thawed state every so often to complete the necessary updates. Once the updates are complete, the machine can then be Frozen again, creating a new 'image' that the machine will restore to upon reboot.

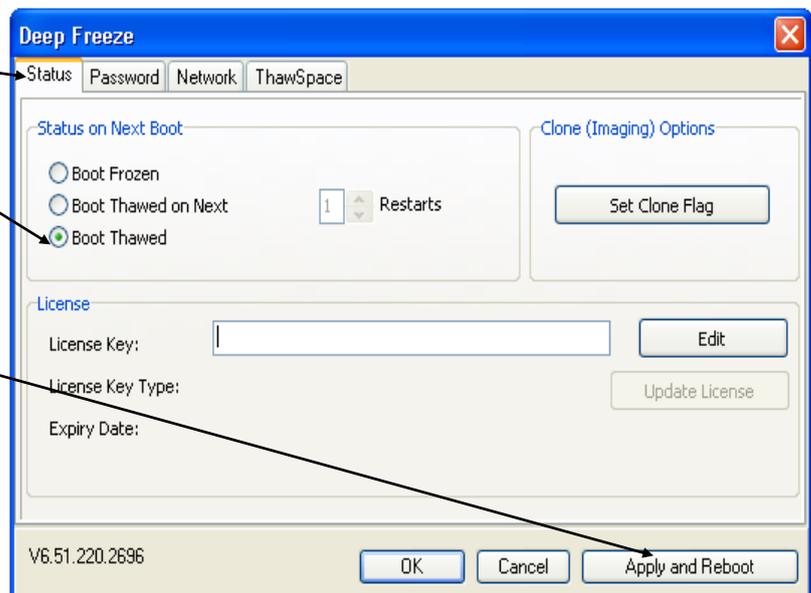
Here is a 13 step by step guide on how to complete this task:

1. Ensure PC is rebooted prior to thawing the machine. This will ensure the machine is booted to a 'safe' image. This eliminates any chance of creating a new default image with unwanted files or software.
2. Once rebooted, open the Deep Freeze program using the task bar icon. Double click the icon whilst holding the shift key.



3. Enter your password into the password dialog box and click OK

4. On the *Status* tab select *Boot Thawed* under Status on Next Boot



5. Click on the 'Apply and Reboot' button.

6. The PC will now reboot. Once rebooted, the PC will be in a Thawed state.



Warning: Any changes made from this point forward will be permanent unless removed manually.

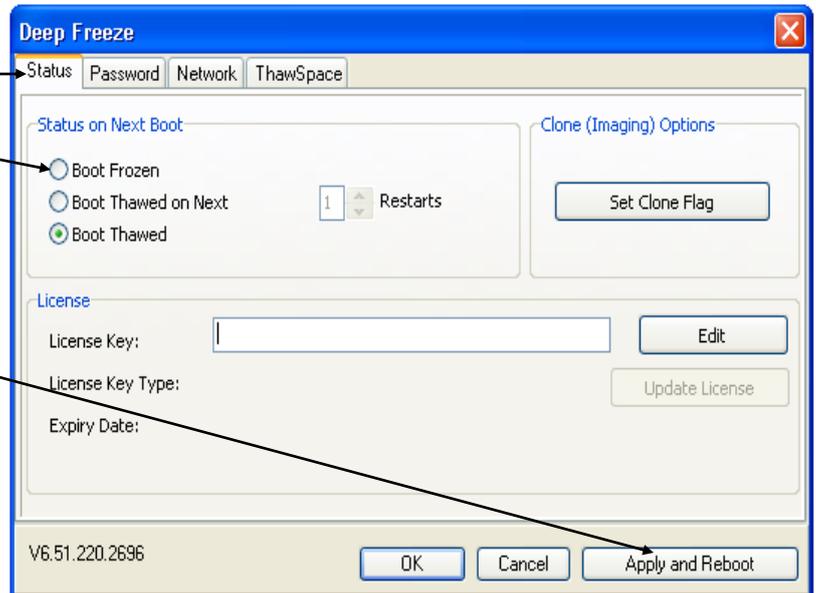
7. Complete any necessary updates.
It is recommended that your virus definitions are updated and any Windows Vista updates are applied.
8. Once all updates have been completed, double click the Deep Freeze task bar icon whilst holding the shift key.



9. Enter your password and click OK

10. On the *Status* tab select *Boot Frozen* under *Status on Next Boot*

11. Click on the 'Apply and Reboot' Button



12. The PC will now reboot. Once rebooted the PC will be in a *Frozen* state.
13. Now the machine is frozen, this new image will be referred to every time the PC is rebooted.



Please Note: It is recommended that this process is completed on a regular basis (Once a week would be ideal to help maintain the equipment).

