

## Document Overview

This document provides step-by-step instructions for installing Deep Freeze Enterprise on a single segment Local Area Network. It assumes that the console will be run on the same workstation as the Configuration Administrator.

### Deep Freeze Resources

A number of useful resources can be found online in the Faronics Content Library at [www.faronics.com/library](http://www.faronics.com/library).

Technical support is available to you during your evaluation period. Support resources can be found online at <http://support.faronics.com>.

## What is Deep Freeze?

Deep Freeze is a software program that prevents any permanent changes from being made to a computer. Deep Freeze consists of two states: *Frozen* and *Thawed*. When Deep Freeze is in a *Frozen* state, any changes made to the computer are forgotten when the computer is restarted.

When Deep Freeze is in a *Thawed* state, any changes made to the computer are retained when the computer is restarted. When making changes to a computer, such as installing software or performing updates, the computer needs to be put into a *Thawed* state. A reboot is required every time the state of the computer is changed.

### System Requirements

The Deep Freeze Configuration Administrator and the Deep Freeze Enterprise Console (administrative tools) can be installed on Windows XP, Vista, 7, or Server 2003, 2008, and 2008 R2. Deep Freeze will protect workstations running Windows XP, Vista, and Windows 7.

A server edition is available that can protect Server 2003, 2008, and 2008 R2.

## Installing Deep Freeze Enterprise

Installing Deep Freeze Enterprise has three distinct steps:

1. Installing the Deep Freeze Configuration Administrator and Deep Freeze Enterprise Console (administrative tools).
2. Configuring workstation install packages.
3. Deploying to the workstations (to protect the workstations).

## Installing Deep Freeze Configuration Administrator and Deep Freeze Enterprise Console (Administrative Tools)

The Deep Freeze Enterprise consists of an installation file that will install the Deep Freeze Configuration Administrator and the Enterprise Console on a workstation. These are administrative tools that will be used to configure and manage Deep Freeze on the protected workstations.

These tools should not be installed on the individual workstations that need to be protected by Deep Freeze.

To install the Deep Freeze Configuration Administrator and Deep Freeze Enterprise Console follow the steps below:

1. Double-click the file *DFEnt.exe* to begin the install process, and follow the steps presented.

During installation, you will be prompted for a Customization Code. This is a unique code that is used to customize your Deep Freeze workstation installation file. Please ensure that this code is documented and kept safe.

2. Once installed, the shortcuts for the administrative tools can be found in the *Start* menu under the *Faronics* folder.



**Faronics is unable to recover a lost or forgotten customization code. If the Customization Code is leaked, this code could allow someone to take control of Deep Freeze on the workstations.**

## Configuring Workstation Install Packages

The next step before deployment is to configure a workstation install package to run on the workstations that are to be protected. To start configuring a workstation install package, launch the Configuration Administrator from the start menu.

When launched, the Configuration Administrator will display a series of tabs that define the configuration that will be applied to the workstation. Detailed information on each of these tabs can be found in the Deep Freeze Enterprise users guide available online in the Faronics Content Library.

As a minimum configuration Faronics recommends that a GUI password be set on the workstation install program as follows:

1. Select the check box for the first password under the *Enable* column.
2. Select the *Workstation* option.
3. Enter a password to use in the *Password* column.

Once a password is set, click the *Create* button on the toolbar and select the option for a *Full Workstation Install Package*. This saves the installer package at a convenient location.

## Deploying to the Workstations to be protected

To protect a workstation, the Deep Freeze Install Package that was created previously must now be installed. The simplest method to deploy the package is to manually copy it to the workstation. Once this is done, follow the steps below:

1. Double-click the *DFWks.exe* file to begin the installation process. The Deep Freeze Installation Dialog appears. Click *Next* to begin the installation.
2. Follow the steps presented. Read and accept the license agreement. At the end of the installation, the computer reboots. After the reboot, Deep Freeze is installed.

If you are using a 3rd party tool to push Deep Freeze to the workstations that need to be protected, you can automate the installation by appending the */INSTALL* switch to the workstation install package as shown below:

```
<path to file>\DFWks.EXE /INSTALL
```

When this command is run, the computer will reboot after installing Deep Freeze.

When installing Deep Freeze, close and disable all background utilities and antivirus software. Ensure that your computer is up to date with the latest Windows Updates and that your Antivirus Definitions are updated before installing Deep Freeze.

## Using Deep Freeze

When the Frozen icon appears in the System Tray after installation, the workstation is protected by Deep Freeze. When the Thawed icon appears in the System Tray, the workstation is not protected by Deep Freeze.

### Accessing the Deep Freeze Control Dialog

The Deep Freeze control panel can be accessed by either holding down SHIFT and double-clicking the Icon on the system tray, or by pressing CTRL+ALT+SHIFT+F6. Once you enter your password, the Deep Freeze control dialog will appear with the following two tabs:

- *Status*: used to set the state of Deep Freeze, prepare for imaging, or enter a License Key.
- *Password*: used to set a new password or change the previous one.

To test the power and robustness of Deep Freeze, try deleting or modifying some toolbars, changing the desktop, or modifying the registry settings. All changes made will be reset on reboot.

### Using Deep Freeze Enterprise Console

To remotely manage your workstations, launch the Deep Freeze Enterprise Console from the Start Menu:

*Start > All Programs > Faronics > Deep Freeze 7 Enterprise > Deep Freeze Console*

The Deep Freeze Enterprise Console will allow you to Reboot, Reboot Thawed, Reboot Frozen, and manage your workstations running Deep Freeze remotely.

By default, the Enterprise Console will be able to manage workstations on the local subnet only. If you have more than one subnet, or have a more complex network you may need to configure the software further.

Details on the network configuration of Deep Freeze can be found in the Deep Freeze Enterprise User Guide in the Faronics Content Library.

## License

The evaluation version of Deep Freeze expires 30 days after installation. To continue to use Deep Freeze, a license must be purchased. After purchasing the license, enter the license key into Deep Freeze to activate it.

To update the License Key, launch the Configuration Administrator and go to the Advanced Options tab. Click *Edit* to enter the License Key in the *License Key* field. Click *Update License* to convert Deep Freeze from the Evaluation version to a licensed version. The License Key and Expiry Date will display the date and time when the license expires.

As workstations report to the Deep Freeze Enterprise Console, they will be assigned the updated license key. You can verify the license on the local computer by launching Deep Freeze on the workstation and checking the *Status* tab where it is displayed.

For further product, pricing, and ordering information, please contact Customer Service at +1-604-637-3333, (800) 943-6422, or by email at [customerservice@faronics.com](mailto:customerservice@faronics.com).

## Deep Freeze Security Notice

Deep Freeze does not protect against booting from a USB Key, floppy drive, or CD-ROM drive.

The CMOS should be configured to prevent booting from anything other than the hard disk and the CMOS must be password protected to fully protect a computer from tampering.