

Horizon DataSys

Drive Vaccine PC Restore

User Manual



Horizon DataSys
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Introduction

Introduction

Thank you for choosing Drive Vaccine PC Restore. This User's Guide is provided to you to familiarize yourself with the Drive Vaccine PC Restore software. You can find the complete list of all the product's features and a brief description of each feature in this document. It is highly recommended that you read this User's Guide carefully before setting up and exploring Drive Vaccine PC Restore. The information contained in this User's Guide is subject to change without notice. Horizon Datasys assumes no responsibility or obligation of any kind for any errors contained herein or in connection with the furnishing, performance, or use of this document.

Drive Vaccine PC Restore is a PC baseline recovery software. It allows computer workstations to start-up fully functional with their desired system configurations. Regardless of what any user may attempt to do to the systems, including erasing files, installing software, downloading programs or deliberately tampering with registry settings, Drive Vaccine PC Restore will reset the PCs to their desired baseline settings upon restart, making the workstations perfectly configured and available for the next user.

What makes Drive Vaccine PC Restore Professional the best choice for your PC rollback solution?

- Non restrictive design, freedom for users to use PC workstations without penalty. Easy to deploy to a network of workstations in minutes.
- Extremely fast, restore a 100Gb hard drive in seconds.
- Do not require hidden partitions or special files or folders to setup and run.
- Flexible restore options, restore baseline on restart, restore on logoff, restore on the 1st boot up of that day, restore daily, restore weekly or only restore when desired.
- Easy to update baseline, do not need to disable protection to make changes to the baseline. Simply make changes to the system and then set it as the new baseline.
- An exemption drive can be configured to keep data unchanged from rollback.

What Can Drive Vaccine PC Restore Do?

Drive Vaccine PC Restore allows you to quickly and easily:

- Reset public-access PC workstations to clean, pre-configured baseline after each session.
- Clean up virus or spyware infections.
- Remove unauthorized software installations.
- Fix issues resulting from user error, Viruses, programs or Windows compatibility.
- Provide a test bed for software testing.
- Prevent identify theft and key board logging utilities from remaining on PC's.
- Enforce a common operating environment and your organizations EUP (End User Policy).

Drive Vaccine PC Restore Benefits?

- Reduces computer maintenance by up to 95%.
- Eliminated the need for writing and implementing restriction policies.
- Reduces Total Cost of Ownership of an organization's computing assets by minimizing hard drive maintenance, administration time, and troubleshooting.
- Eliminates the tedious job of re-imaging computers.
- Eliminates common negative consequences of user experimentation.
- Eliminates PC downtime
- Simplifies and automates the PC maintenance process
- Instantly refreshes computers to their optimal working state.
- Ensures consistent configurations.
- Prevent identify theft and key board logging.

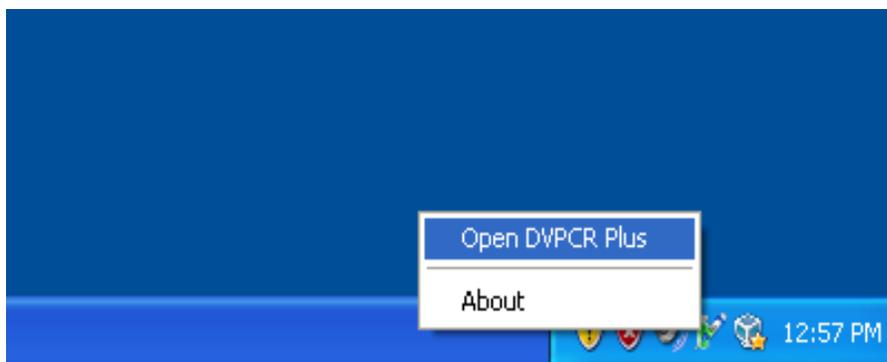
Program Components

Familiar yourself with Drive Vaccine PC Restore's program components before continue to explore Drive Vaccine PC Restore.

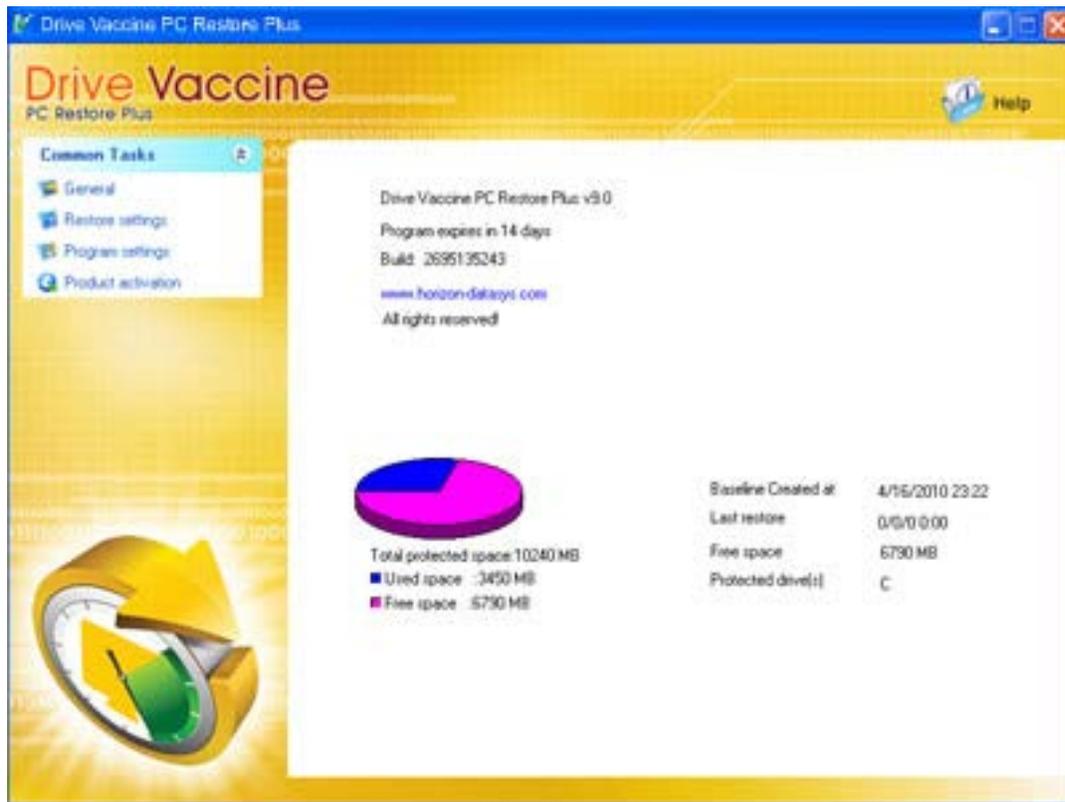
Subsystem Console Interface to Drive Vaccine PC Restore's disk operating system (DOS), which is a mini-operating system working under Windows operating system to provide you restoring ability when Windows fails to start while Drive Vaccine PC Restore is in the disable restore mode. You can access the Subsystem Console by press the HOME key on the keyboard during the system startup.



System Tray Icon It is the shortcut to Drive Vaccine PC Restore on your desktop. You can find it in the lower right hand corner of your Windows desktop. System Tray Icon provides you a quick access to the program console. Right click on the system Tray Icon to bring up its menu.



Application Console Drive Vaccine PC Restore's primary user interface in Windows. There you can find easy and quick access to all the program features.



Chapter 1: Installation and Setup

Minimum Requirements for Drive Vaccine PC Restore

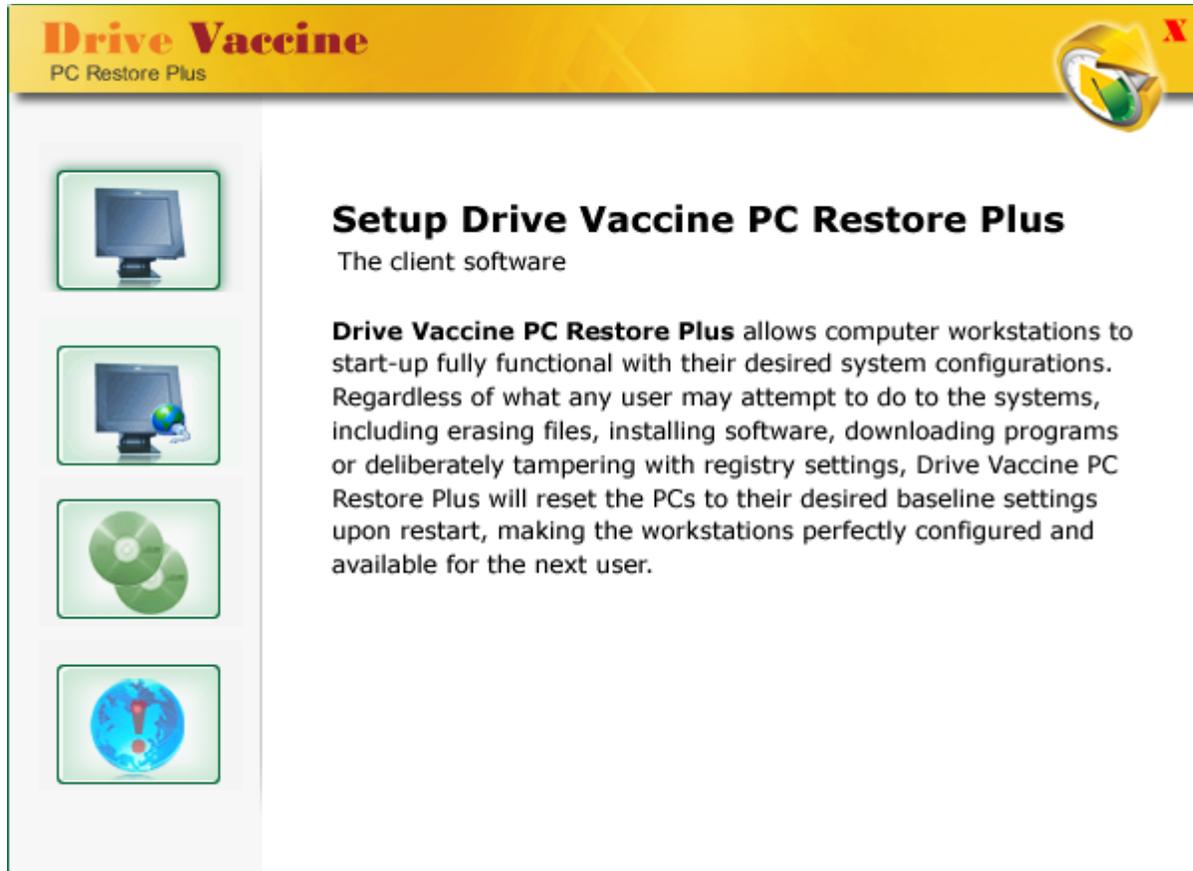
Verify that your system meets the following minimum requirements before attempting to install Drive Vaccine PC Restore.

- Intel® Pentium® or equivalent processor
- Microsoft Windows 2000, Windows XP Professional, Home Edition, Windows Vista or Windows 7
- 256MB of RAM
- CD/DVD ROM, if installing from a CD
- Internet Connectivity for software license activation

Installing Drive Vaccine PC Restore

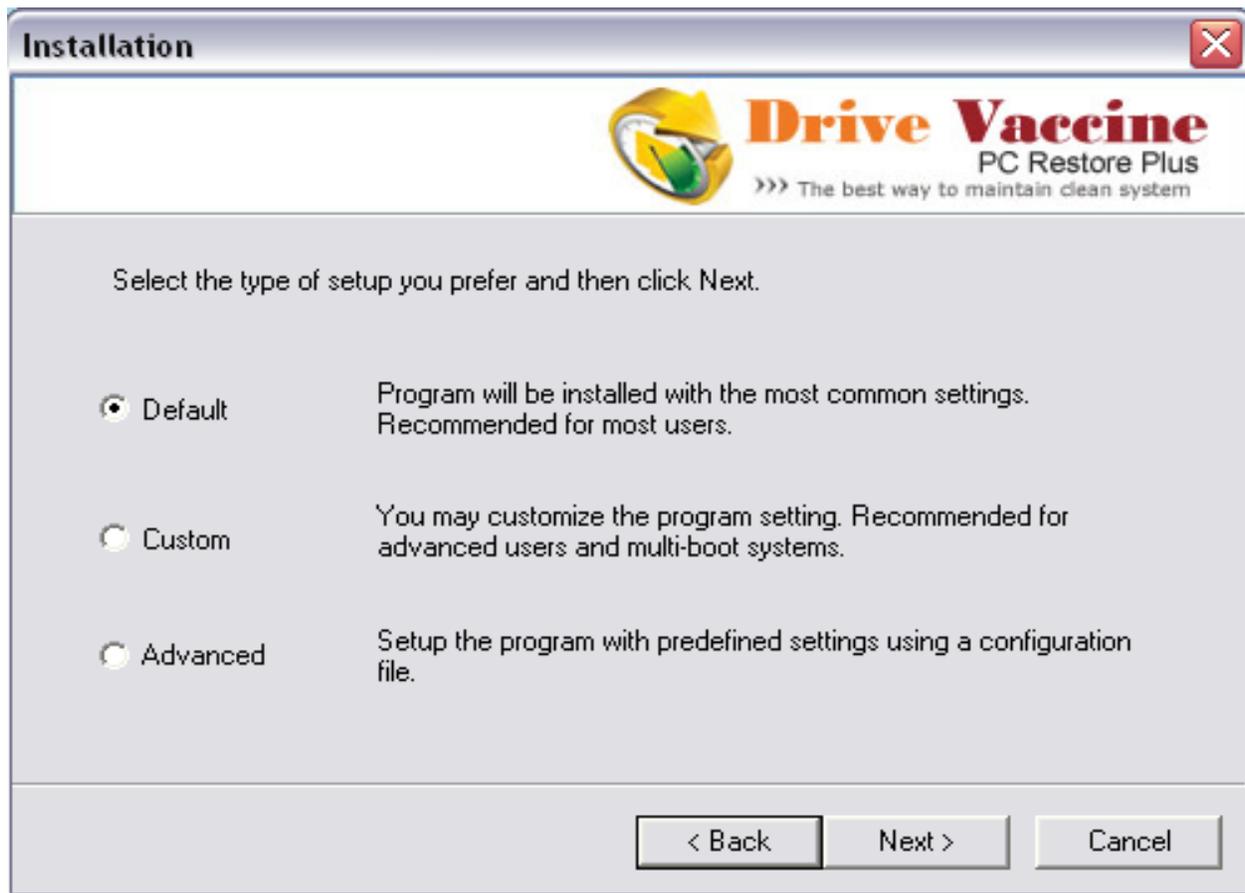
Before installing Drive Vaccine PC Restore close any applications that are running.

To install Drive Vaccine PC Restore, insert the installation disk, or run the **Autorun.exe**. A welcome screen will appear at the start of the installation process. Click on “Setup Drive Vaccine PC Restore” -> Click “**RUN**”



Read and accept the End User License Agreement. Then click **Next**.

Then you will be prompt to a screen with **3 different setup options**:



Default Setup

Default Setup will install Drive Vaccine PC Restore with the default program settings. During the default setup, you will be prompted to enter/configure the following Drive Vaccine PC Restore program settings:

- Enable/Disable Windows System Restore to maximum disk space usage
- Product ID
- Set Drive Vaccine PC Restore administrator password
- Select the partition to protect
- Enable/Disable an exemption drive

Custom Setup

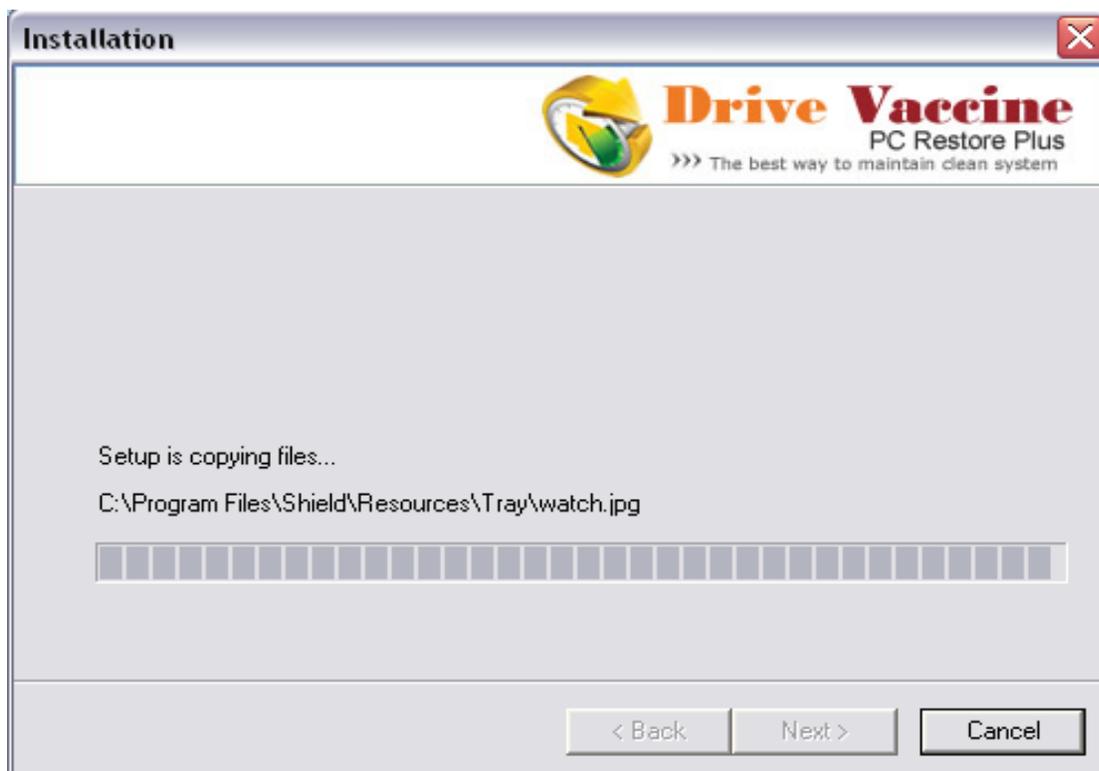
Custom Setup lets you to configure all the program settings during setup. During the custom setup, you will be prompted to enter/configure the following Drive Vaccine PC Restore program settings:

- Enable/Disable Windows System Restore to maximum disk space usage
- Product ID
- Where to copy program files to
- Setup of Windows multi-boot systems
- Set Drive Vaccine PC Restore administrator password
- Select the partition to protect
- Enable/Disable an exemption Drive

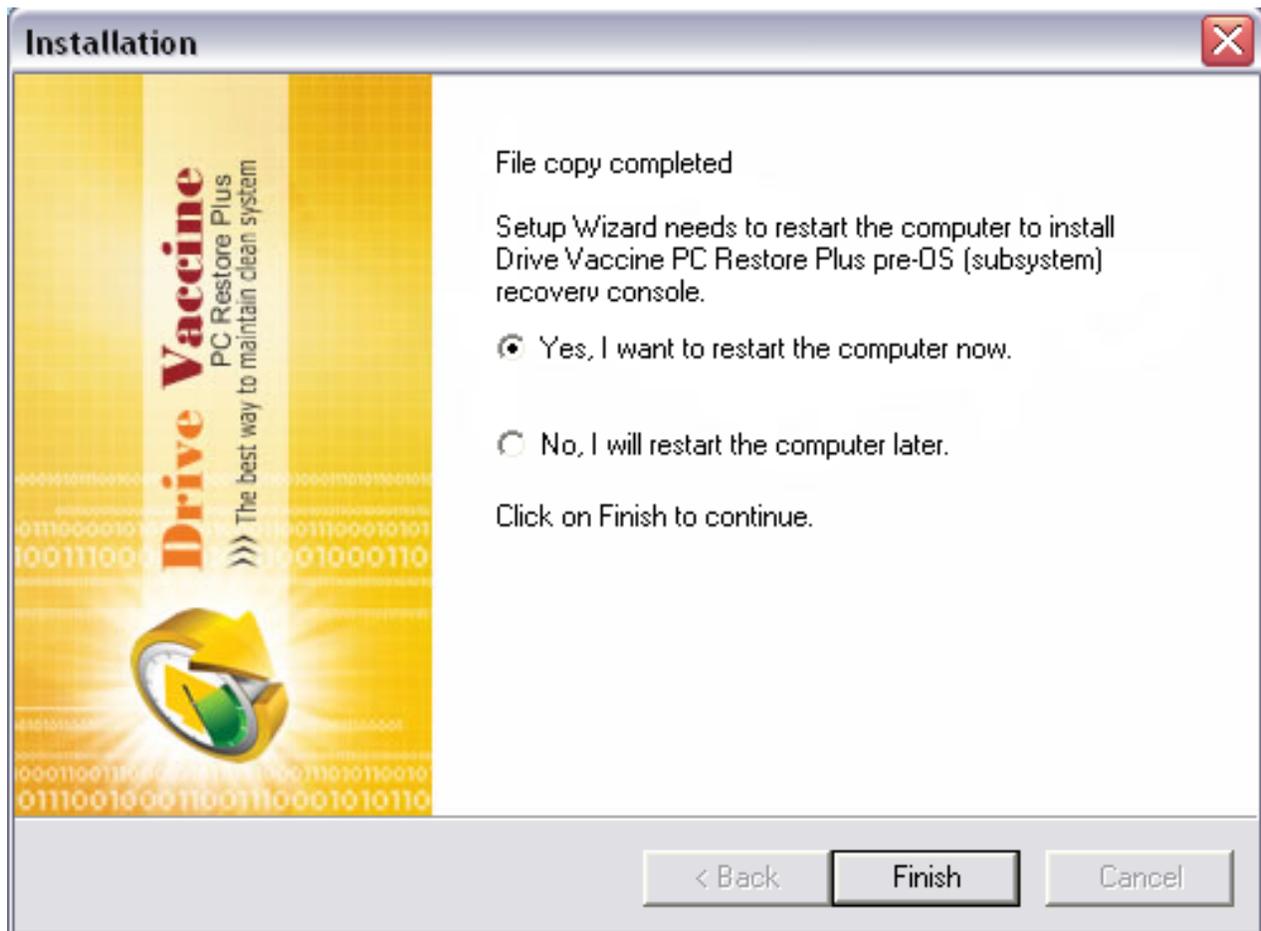
Advanced Setup

Advanced Setup is used to deploy Drive Vaccine PC Restore to a network of computers with pre-configured program settings. Advanced Setup reads in the program settings from a setup configuration file, **setup.cfg**. You can create the **setup.cfg** configuration file using Advanced Setup Configuration Wizard (ASCW) provided in the support folder on the program CD. With ASCW, you can configure all the Drive Vaccine PC Restore program settings.

Continue Click on **Next**, it will Start the installation Process



Once the installation successfully completed, it will prompt you for **restart**

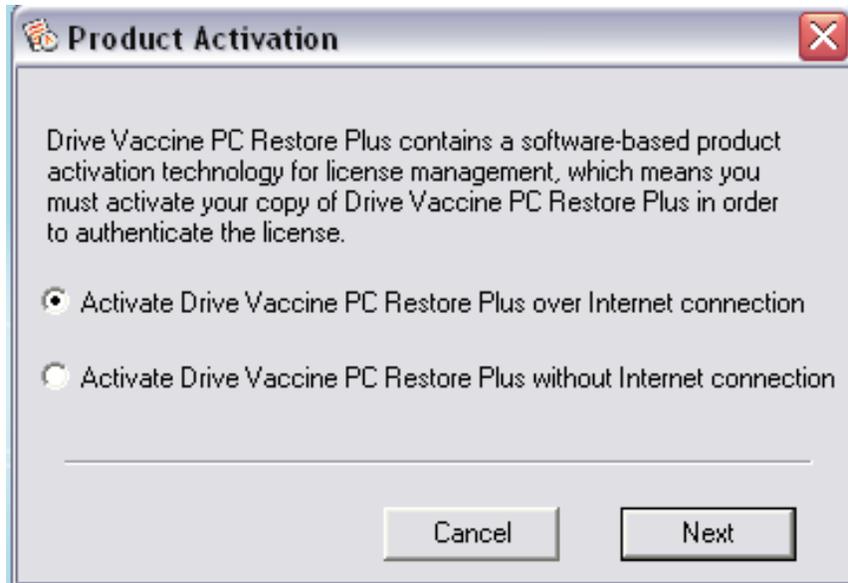


Deployment

To mass deploy Drive Vaccine PC Restore with Windows active directory, SMS software deployment tools, Network logon scripts, or Ghost system images, refer to the Drive Vaccine PC Restore Deployment Whitepaper included in the Support folder on the program CD.

Product Activation

Drive Vaccine PC Restore contains software-based product activation technology, which means you must activate your Drive Vaccine PC Restore installation in order to authenticate its license.



Activate Drive Vaccine PC Restore over the Internet Connection

If the computer has Drive Vaccine PC Restore installed is connected to Internet, you can easily activate Drive Vaccine PC Restore over the Internet connection.

1. Upon the purchase of Drive Vaccine PC Restore, you will receive a Licensed Product ID from Horizon Datasys. You can install Drive Vaccine PC Restore with the Licensed Product ID and the activation will be done automatically during setup. If you already have a demo version of Drive Vaccine PC Restore installed, you can activate the demo setup with the Licensed Product ID without uninstall and reinstall the program.
2. To activate Drive Vaccine PC Restore over Internet connection, right click Drive Vaccine PC Restore system tray icon and select ABOUT from the popup menu. Click on the Activate button on the ABOUT Window, select "Activate Drive Vaccine PC Restore over Internet connection", click on Next.
3. Copy and paste the Licensed Product ID that you received from Horizon Datasys into the Product ID field replacing the demo Product ID, and then click on the Activate button.

That is it! You won't need to supply any other information for the activation.

*** You can only activate number of computers licensed by the Licensed Product ID.**

Activate Drive Vaccine PC Restore without the Internet Connection

If the computer has Drive Vaccine PC Restore installed does not have an Internet connection, you need to manually activate Drive Vaccine PC Restore with a registration code.

1. To manually activate Drive Vaccine PC Restore, right click Drive Vaccine PC Restore system tray icon and select ABOUT from the popup menu. Click on the Activate button on the ABOUT Window, select "Activate Drive Vaccine PC Restore without Internet connection", click on Next.
2. On the Product Activation Window, you will see a Product ID and an Activation ID, write down those two IDs and send them to Horizon Datasys tech support by fax/phone or email.
3. Horizon Datasys tech support will reply you with an Activation Code based on the Product ID and Activation ID you provided.
4. Copy and paste the Activation Code into the Activation code field and then the Activate button.

That is it! You won't need to supply any other information.

Chapter 2: Restore Settings

Baseline Information

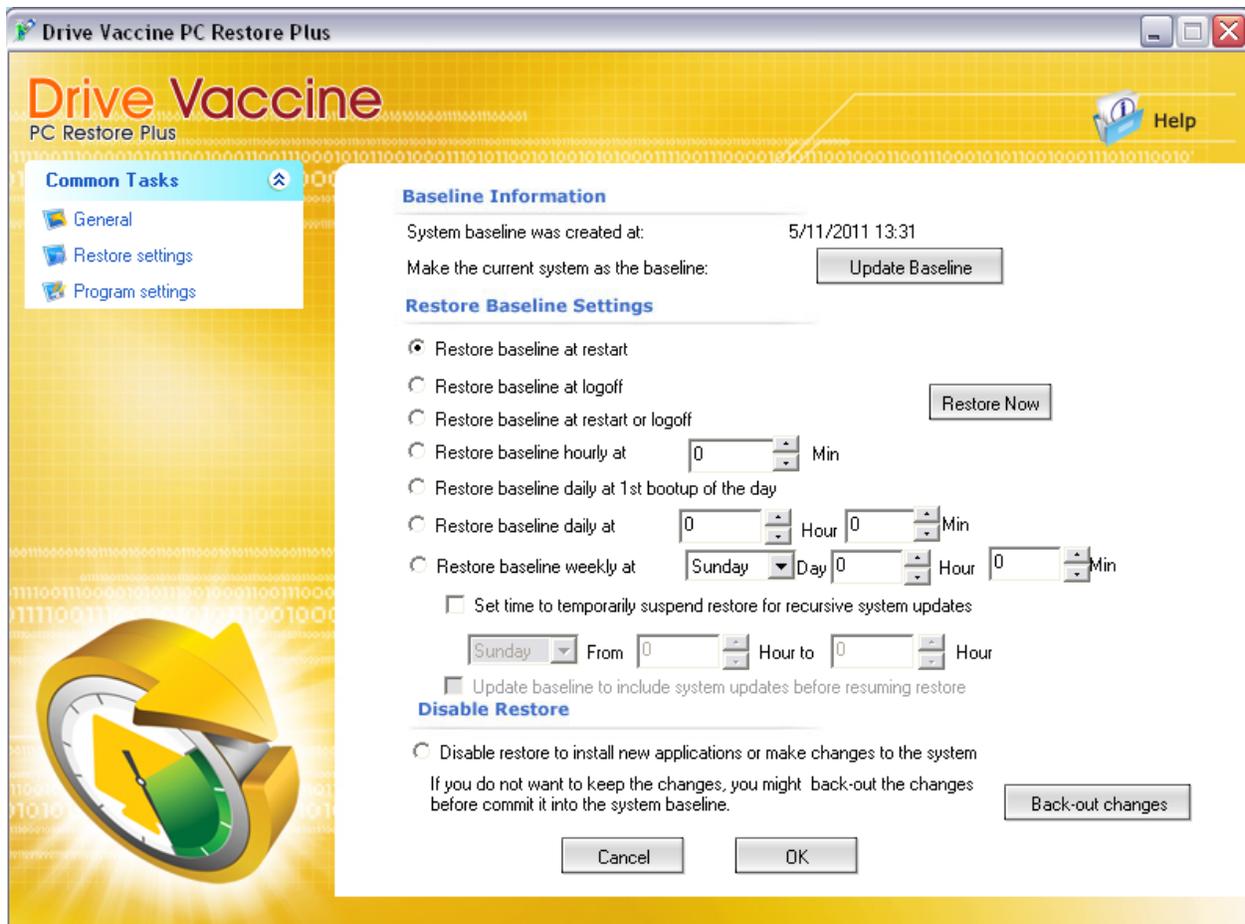
Baseline is the cornerstone of Drive Vaccine PC Restore, it's a system condition including system settings and programs, that you want Drive Vaccine PC to restore to upon reboot. Baseline information shows you the time when the baseline is created, here you can also Update Baseline to include the current system settings and data into the Baseline.

To view baseline information or update baseline to include the current system settings and data, right click the Drive Vaccine PC Restore icon in the system tray, select "Main Menu" from the popup menu.



In the Main Menu, click on "**Restore Settings**". The baseline information is displayed at the top of the page.

Click on "**Update Baseline**" to make the current system as the new baseline. Update baseline completes in seconds without reboot the computer.



Restore Baseline Settings

You can configure Drive Vaccine PC Restore to automatically restore the baseline according to one of the 7 settings:

- Restore baseline at restart
- Restore baseline at logoff
- Restore baseline at restart & logoff
- Restore baseline hourly at XX min
- Restore baseline daily at first boot up of the day
- Restore baseline daily at XX hour XX min
- Restore baseline weekly at XX day XX hour XX min

**** You can also choose to restore the baseline at any time by pressing the Restore Now button.**

You can configure a time range to temporarily suspend the restore for recursive system updates and configure Drive Vaccine PC Restore to automatically update baseline at end of the suspension.

For example:

- *You need to restore your lab computers to baseline on reboot.*
- *You also need the computers to install Windows updates and virus updates every Friday between 7pm to 8pm.*

To satisfy your requirements, you would:

- *Configure Drive Vaccine PC Restore to restore baseline at restart.*
- *Configure "set time to temporarily disable restore for recursive system updates" to Friday, 7pm to 8am.*
- *Check the "Update baseline to include the system updates before resuming restore" option.*

As the result, the lab computers will restore baseline on every reboot. But every Friday between 7pm to 8am, the restore is suspended to allow Windows and virus updates which might reboot the computers. At end of the suspension, at 8pm, Drive Vaccine PC Restore will update the baseline to include the Windows updates and virus updates. At 8:01pm, the computers will resume restore to the new baseline including Windows updates and virus updates upon reboot!

To configure restore baseline settings, right click the Drive Vaccine PC Restore icon in the system tray, select "**Main Menu**" from the popup menu.



2. In the Main Menu, click on "**Restore Settings**". Make your selection on the right hand panel.

Drive Vaccine PC Restore Plus

Drive Vaccine

PC Restore Plus

Help

Common Tasks

- General
- Restore settings
- Program settings

Baseline Information

System baseline was created at: 5/11/2011 13:31

Make the current system as the baseline:

Restore Baseline Settings

Restore baseline at restart

Restore baseline at logoff

Restore baseline at restart or logoff

Restore baseline hourly at Min

Restore baseline daily at 1st bootup of the day

Restore baseline daily at Hour Min

Restore baseline weekly at Day Hour Min

Set time to temporarily suspend restore for recursive system updates

From Hour to Hour

Update baseline to include system updates before resuming restore

Disable Restore

Disable restore to install new applications or make changes to the system

If you do not want to keep the changes, you might back-out the changes before commit it into the system baseline.



Disable Restore

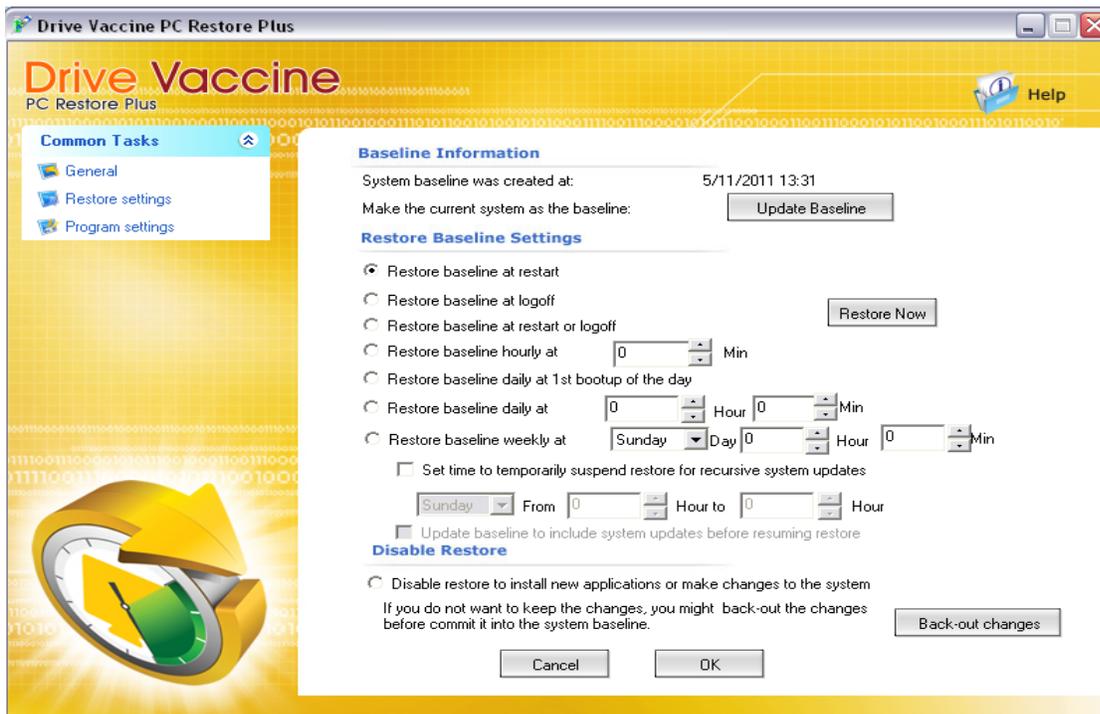
You can disable Drive Vaccine PC Restore's restore to make changes to the system. After you make changes to the system, you need to run **Update Baseline** to include the changes into the new baseline. If you do not want to keep the changes, Drive Vaccine PC Restore provides you a last-chance-restore, you can **Back-Out the Changes**

1. To disable Drive Vaccine PC Restore's restore to make changes to the system, right click the Drive Vaccine PC Restore icon in the system tray, select "**Main Menu**" from the popup menu.



2. In the Main Menu, click on "**Restore Settings**", select the "Disable Restore" option.

If you do not want to keep the changes, Drive Vaccine PC Restore provides you a last-chance-restore, click on **Back-Out Changes** to rollback the changes made to the system while Drive Vaccine PC Restore is in the disabled mode.



Restore from Subsystem

You can disable Drive Vaccine PC Restore's restore to make changes to the system. If you do not want to keep the changes, Drive Vaccine PC Restore provides you a last-chance-restore option to Back-Out the Changes. But what if the changes made to the system cause the Windows unbootable, how do you back-out the changes from that? Drive Vaccine PC Restore allows you to Back-out the changes from a pre-OS subsystem as well.

1. To back-out changes from the pre-OS subsystem, restart the computer and press the HOME key after the BIOS screen to access the Drive Vaccine PC Restore subsystem console.
2. You will be prompted to enter a password for the Administrator account to enter the subsystem console. Select Restore Now from the subsystem menu to back-out changes.



Support-Tech Restore is used for when a support-technician or a teacher needs to restore from the subsystem and you do not want to give out your Drive Vaccine PC Restore administrator password. Follow these steps to perform a support-tech restore:

1. Restart the PC.
2. Press F9 key during startup (when the Drive Vaccine PC Restore Subsystem loads).

The password for the support-tech restore can be set using the command line switch `shieldcmd.exe /supportpwd`.

Chapter 3: Program Settings

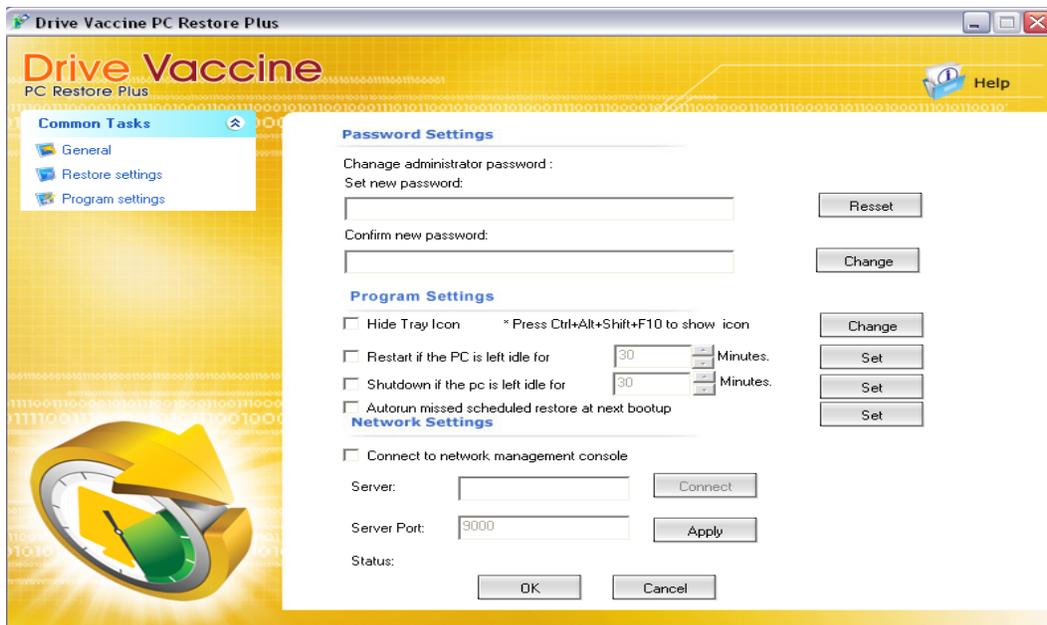
Change Administrator Password

1. Right click the Drive Vaccine PC Restore icon in the system tray, select "Main Menu" on the popup menu.



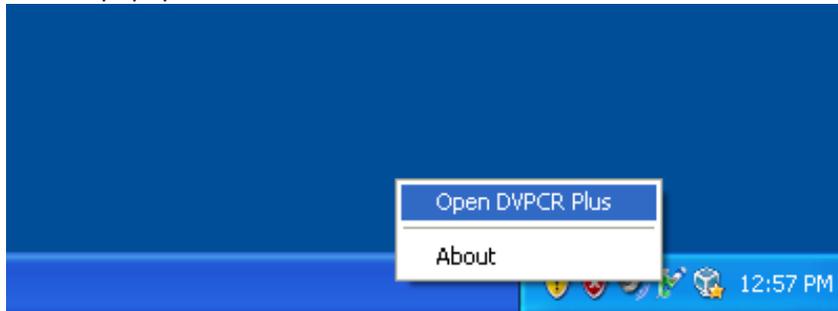
2. In the Main Menu, click on "Program settings". The right-hand panel will display the program settings options.

Set a new password for the administrator account and then confirm the new password.



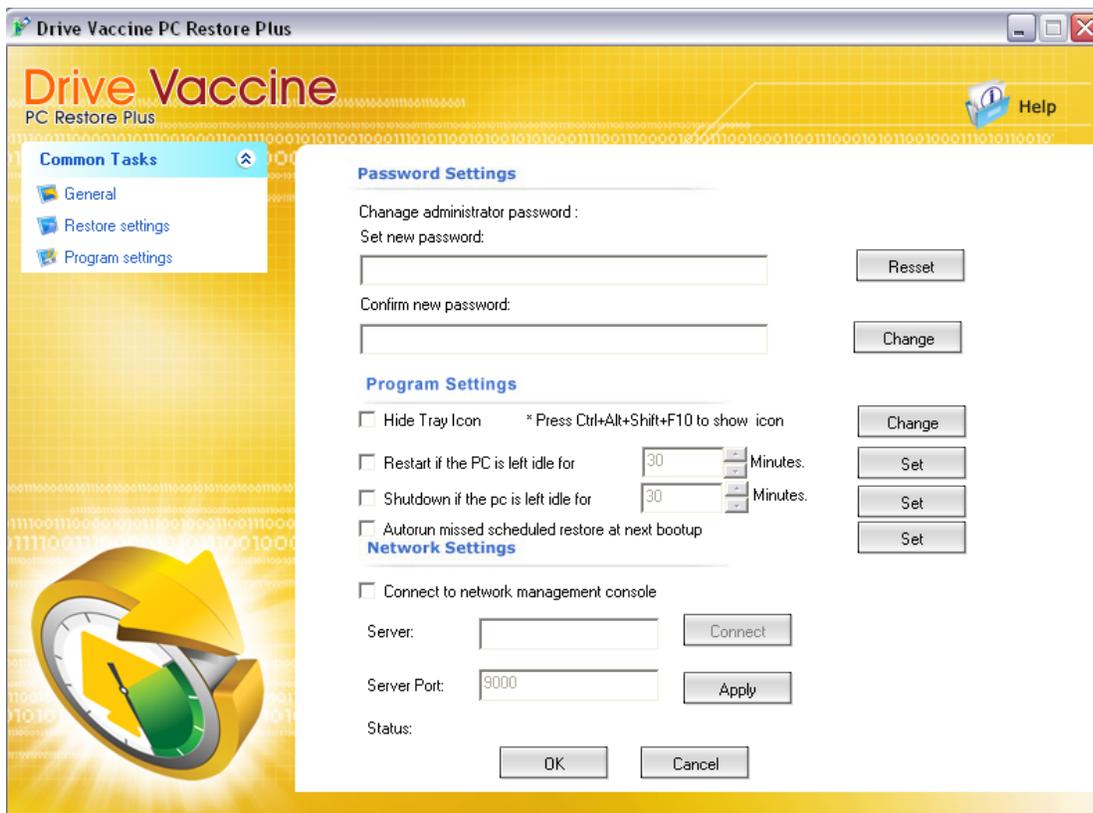
Hide Program Icon

1. Right click the Drive Vaccine PC Restore icon in the system tray, select "**Main Menu**" from the popup menu.



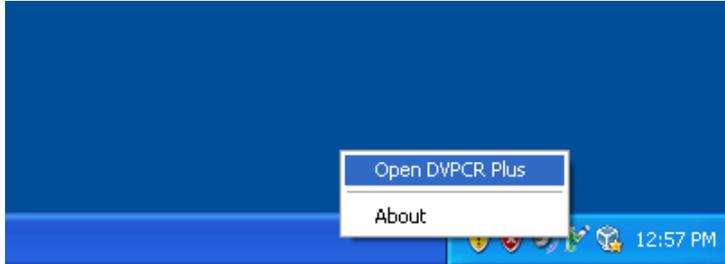
2. In the Main Menu, click on "**Program settings**". The right-side panel will display the program settings options.

Check the hide program icon option. To show the program icon in the system tray, press **Ctrl+Alt+Shift+F10** keys at same time.



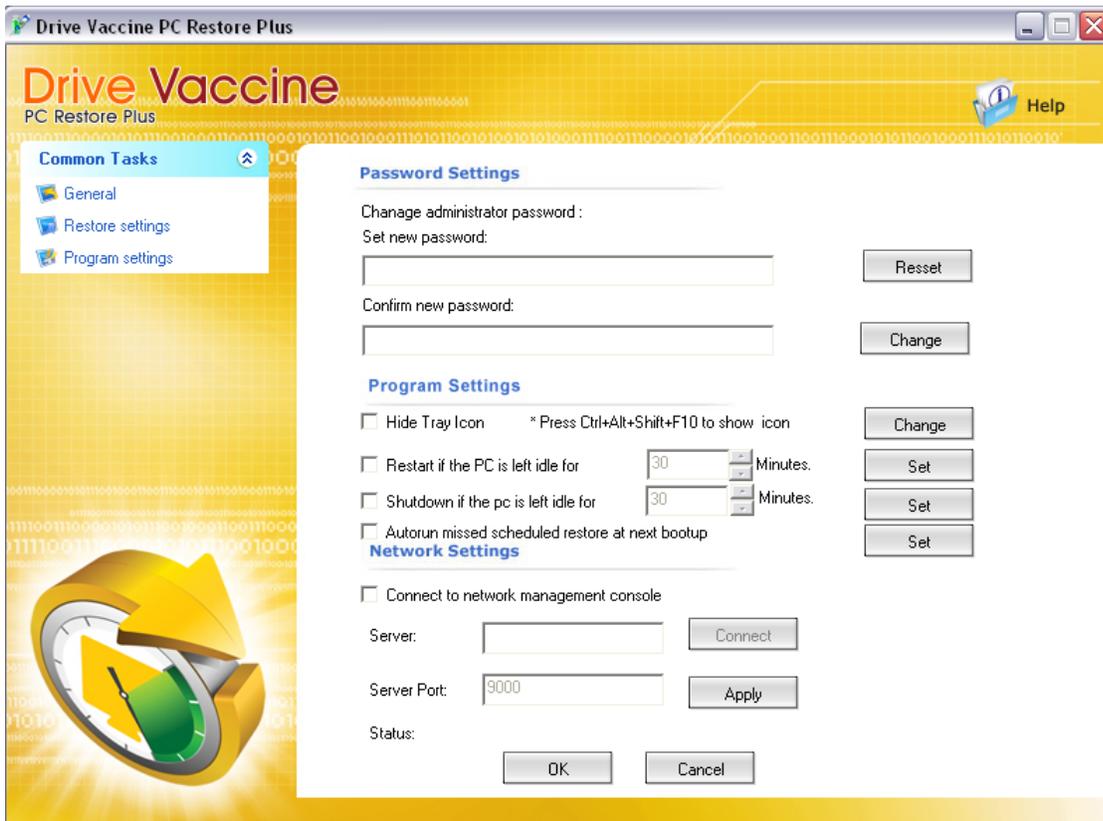
Idle Restore & Shutdown

1. Right click the Drive Vaccine PC Restore icon in the system tray, select "Main Menu" from the popup menu.



2. In the Main Menu, click on "Program settings". The right-side panel will display the program settings options.

Check "Restart/Shutdown if the PC is left idle for X minutes option". The PC will be automatically restarted (restored to baseline) if the keyboard and mouse have no movement for the set amount of time.



Connect to Network management Console

To connect Drive Vaccine PC Restore to a network management console (Drive Vaccine PC Restore RMC) for centralized client management:

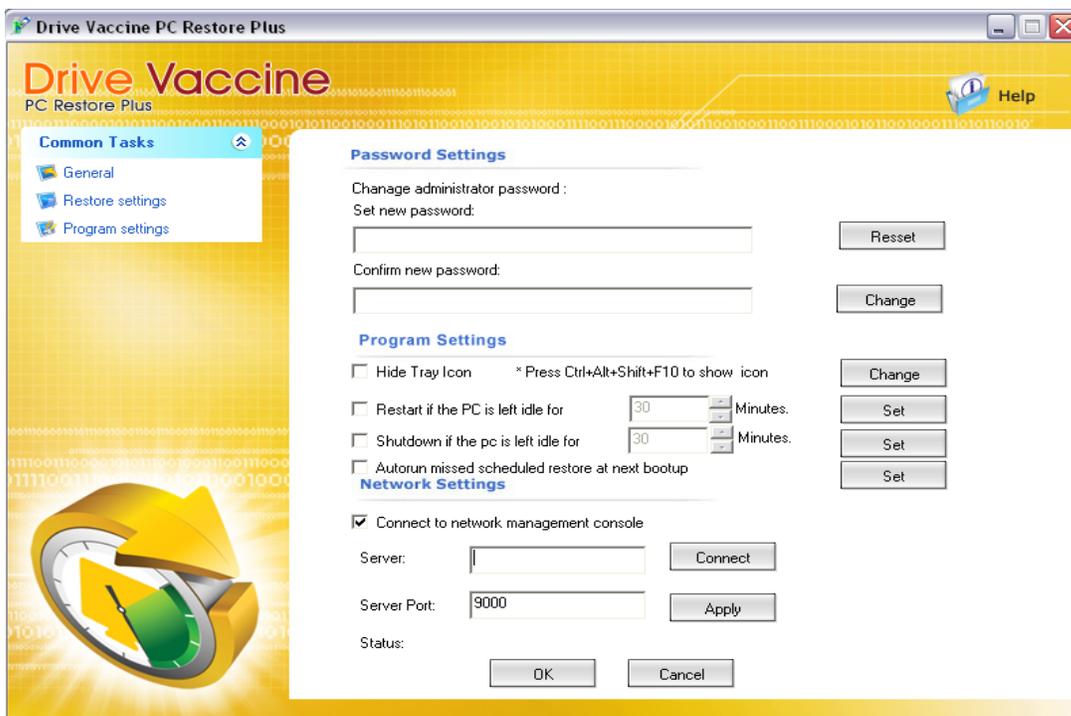
1. Right click the Drive Vaccine PC Restore icon in the system tray, select "**Main Menu**" from the popup menu.



2. In the Main Menu, click on "**Program settings**". The right-hand panel will display the program settings options.

Check "Connect to network management console" option. You need to provide:

- Computer name or IP address of the computer that has Drive Vaccine PC Restore RMC installed
- The port number used by Drive Vaccine PC Restore RMC to client connections



Chapter 4: Product Support

Support Options

Horizon Datasys is committed to provide satisfying support and excellent service to our valued customers. Our goal is to provide you with professional assistance in the use of our software through the variety of methods including documentations, online or personal contacts. According to our experience with customers, most of their questions can be answered in our Frequently Asked Question or other various technical white papers.

****Please check your questions in the Knowledge Base before proceeding with other support options.**

Knowledge Base Portal:

<http://support.horizondatasys.com>

If you were not able to find answers to your questions in the Drive Vaccine PC Restore knowledge base, you might go to Horizon Datasys web site support page for more product related documents, white papers and other information.

Contact Us

If you need specific information related to our product that can not be found online. Please contact us using any of the following methods:

E-Mail: support@horizondatasys.com

Live Chat: Available from 8AM to 5PM PST (click on Chat icon at the top of any web page)

Telephone: (604) 324-0797

Chapter 5: Command Line Switches

Command Line Switches

Drive Vaccine PC Restore provides you a set of command-line switches to manage the software with batch files or network scripts.

- **Restore now**
 - *Shieldcmd.exe /restore /u "administrator" /p "password"*
- **Update Baseline**
 - *Shieldcmd.exe /snapshot /u "administrator" /p "password"*
- **Hide System Tray Icon**
 - *Shieldcmd.exe /hideicon /u "administrator" /p "password"*
- **Unhide System Tray Icon**
 - *Shieldcmd.exe /showicon /u "administrator" /p "password"*
- **Show Program Help**
 - *Shieldmcd.exe /?* or *Shieldcmd.exe /help*
- **Uninstall**
 - *Shieldcmd.exe /uninstall current /u "administrator" /p "password"*
- **Change Support-Tech restore Password**
 - *Shieldcmd.exe /supportpwd "support password" current /u "administrator" /p "admin password"*

Restore Settings

Shieldcmd.exe /restoreschedule Restoretype /time Timeformat /u "administrator" /p "admin password"

Restore type:

restart

logoff

Restartlogoff

hourly

firstboot

daily

weekly

Timeformat:

hourly time format: minute

daily time format: hour:minute

weekly time format day:hour:minute

***For example restore baseline weekly at Monday 19:30pm*

Shieldcmd.exe /restoreschedule weekly /time 1:19:30 /u "administrator" /p "admin-pass"

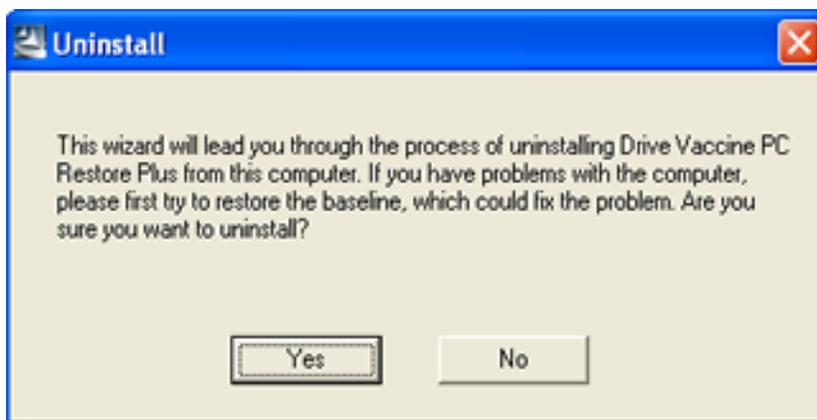
Chapter 6: Uninstall

Uninstall

You can uninstall Drive Vaccine PC Restore from your computer through the following method:

- Uninstall Drive Vaccine PC Restore from your computer's Control Panel, Add/Remove Programs

Uninstall needs to restart the computer, select Yes to restart.



If you have an exemption drive configured for Drive Vaccine PC Restore, you will be promoted to uninstall (remove) the exemption drive after reboot.

****BEFORE REMOVING THE EXEMPTION DRIVE, YOU MUST SAVE (COPY OR MOVE) THE DATA IN THE EXEMPTION DRIVE TO ANOTHER DRIVE, REMOVING THE EXEMPTION DRIVE WILL LOSE ALL THE DATA ON THE EXEMPTION DRIVE!**

****If you have problem with the computer, DO NOT attempt to uninstall Drive Vaccine PC Restore first, use Restore Now to repair the system instead.**

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