

Rollback Rx Deployment Whitepaper

► Four Ways to Deploy Rollback Rx

Rollback Rx is designed with enterprise requirements in mind. To meet the demand of various scale enterprise clients, Rollback Rx provides four deployment methods ranging from individual workstation setup to company wide deployment.

1. **Default Setup:** Install Rollback Rx on individual workstations with the setup CD.
2. **Network Setup:** Install Rollback Rx from a network share folder with pre-configured program settings, or use a network software deployment tool to distribute the software.
3. **Script Setup or Unattended Setup:** Push out Rollback Rx with a client script which runs automatically when the client logs onto the network.
4. **Deploy Rollback Rx In System Image:** Include Rollback Rx program files in a system image and roll it out within the disk system using an imaging utility such as Symantec's Norton Ghost.

The deployment strategy discussed here white paper supports both Rollback Rx Standard edition and Rollback Rx Professional Edition.

► Default Setup

To install Rollback Rx on individual workstations, follow these typical setup procedures:

1. Insert the setup CD; auto run menu will pop up.
2. Select SETUP from the autorun menu.
3. Select the default setup to continue.

► Network Setup

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If you need to setup Rollback Rx on multiple PCs on a network, to eliminate the hassle of carrying a CD around to setup each PC, Rollback Rx allows you to run the setup from a network share. Follow these general guidelines to install an Rollback Rx over the network:

1. Copy the Rollback Rx files from CD into a folder on your server and create a share for the folder.
2. Create an Advanced Setup Configuration File (SETU.CFG) with the Advanced Setup Configuration Wizard (ASCW.EXE) utility provided in the support folder of the program CD. Copy the SETUP.CFG file into the folder with Rollback Rx files created in step 1.
3. To Install Rollback Rx on a workstation, access the shared folder from the workstation and run the setup.exe.
4. Select the ADVANCED setup option at the setup selection menu. Advanced setup will read in the setup parameters (such as product ID, password, protection type, program settings and installation directory) from the SETUP.CFG file that has been configured in step 2 above. At the end of the ADVANCED setup, user will be asked to restart the computer.

If you are using a network software deployment tool such as Microsoft SMS server, Novell ZENworks and etc to deploy software, please follow these guidelines:

1. Create a BEFORE snapshot of the system with the network software deployment tool.
2. Create a folder called RBX on the root of the C drive and copy all of the Rollback Rx program files into the folder.
3. Create the SETUP.CFG file as aforementioned in step 2.
4. Copy the SetAutoSetup.exe (which can also be found in the support folder of the program CD) into the RBX folder and double click to run it. SetAutoSetup.exe will write some deployment settings into the system registry.

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5. Run the network software deployment snapshot program again to create an AFTER snapshot and create the software deployment package.
6. Deploy the software package and reboot the client system.

▶ Setup with Scripts (Unattended Setup)

For some network administrators who prefer to use client side scripts to deploy new applications to workstations, Rollback Rx can also be easily integrated into their custom scripting install scenario. Follow these general guidelines to deploy Rollback Rx within a network script:

1. Copy the Rollback Rx files from CD into a folder on your server and create a share for the folder.
2. Create an Advanced Setup Configuration File (SETUP.CFG) with the Advanced Setup Configuration Wizard (ASCW.EXE) utility provided in the support folder of the program CD. Copy the SETUP.CFG file into the folder with Rollback Rx files created in step 1.
3. To use a client side script to install Rollback Rx when client logs on, include "**setup.exe /s**" within the setup script. Setup /s allows Rollback Rx setup wizard to silently read in the setup parameter from the SETUP.CFG file configured in the step 2 above.

No user intervention is required during the setup. Setup will restart the computer automatically at the end.

▶ Deploy Rollback Rx In System Images

Rollback Rx can also be included in a system image for deployment, like that created by Norton Ghost or similar utility; however, due to Rollback Rx security design, some of the Rollback Rx features don't exist in file format. Instead they exist as bits and bytes on the physical sectors of the hard drive. A normal Ghost approach to imaging a hard drive will not be

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able to include all Rollback Rx components. Please follow these guidelines to prepare a hard disk for imaging:

1. Copy the Rollback Rx files from CD into a folder on the hard disk that you will use to create an image. Rename the folder as RBX.
2. Create an Advanced Setup Configuration File (SETU.CFG) with the Advanced Setup Configuration Wizard (ASCW.EXE) utility provided in the support folder of the program CD. Copy the SETUP.CFG file into the folder with Rollback Rx files created in step 1.
3. Copy the SetAutoSetup.exe utility, provided in the support folder of the program CD, into the RBX folder and double click to run it. SetAutoSetup.exe will write some deployment settings into the system registry. SetAutoSetup.exe will not return any interface.
4. Reboot the system to a floppy disk or a bootable CD to create an image of this hard disk containing Rollback Rx setup files. DO NOT reboot into the Windows after running SetAutoSetuo.exe which had created some registry entries to automatically start the Rollback Rx program setup, rebooting into the Windows will kick off the Rollback Rx auto-setup process

This disk image contains the Rollback Rx setup files rather than the actual Rollback Rx program files. However, once the image is dumped onto a system, at the first startup, AutoSetup.exe generated registry entries will trigger the Rollback Rx setup process. This process is silent and transparent to the users. Setup reads in the program parameters from the SETUP.CFG file configured in the previous step without any user interaction. At the end of the setup, AutoSetup.exe will automatically remove the Rollback Rx setup files and restart the system.