



# Reboot Restore Enterprise

## Deployment Guide



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Updated May 2025

## Deployment Options for Reboot Restore Enterprise

Reboot Restore Enterprise supports multiple enterprise-ready deployment methods to fit your organization's needs:

### 1. Standalone Installation

- Quick setup using downloadable installer. Perfect for small offices or testing environments

### 2. Network Share Deployment

- Centralized installation from a shared network location. Supports pre-configured settings for uniform deployment

### 3. Automated Script Installation

- Silent, unattended deployments via login scripts. Enables hands-off rollout across multiple machines

### 4. System Image Integration

- Built-in deployment with OS imaging tools (Acronis, etc.). Ideal for new workstation provisioning

### 5. MSI Package Deployment

- Enterprise-grade installation using Windows Installer. Compatible with most software management systems

### 6. Setup.INI Wizard Overview

- Guide on how to create your pre-configuration file for unattended install, system image and MSI package creation

### 7. Automating Client Version Upgrade

- Guide to automate client version upgrades either locally, over a network script or through the Endpoint Manager

## Standalone Installation

To install Reboot Restore Enterprise on a single workstation:

1. Extract the installation ZIP package
2. Open the "Reboot Restore Client" folder
3. Run Setup.exe
4. Select installation type:
  - **Typical** (recommended for most users)
  - **Custom** (advanced configuration)
5. Follow the on-screen instructions

### Typical Setup Includes

- Language selection
- License key input or demo key selection
- Administrator password setup
- Automatic protection of system drive and all partitions in the system drive
- Automatic UltraVNC installation (required for Remote Control features)
- System reboot required to complete installation

### Custom Setup Includes

- language selection
- License key input or demo key selection
- Custom installation directory
- Multi-boot system support
- Administrator password setup
- Selective partition protection
- Exemption drive configuration
- User Profile exemption option
- UltraVNC installation toggle
- System reboot required to complete installation

## Network Share Deployment

Reboot Restore Enterprise enables centralized network deployment, eliminating the need for physical media when installing across multiple workstations.

### Deployment Instructions

#### 1. Prepare Network Share

- Copy Reboot Restore Enterprise client installation files to a shared network folder
- Configure shared folder permissions for workstation access

#### 2. Configure SETUP.INI file

- Generate a SETUP.INI using the Setup INI Wizard (located in Deployment Tools folder)
- Place the file in your shared network folder, replacing any existing SETUP.INI

TIP: For best results, generate the SETUP.INI file on a PC which is generally similar to the target workstations

#### 3. Workstation Installation

From target workstations

- Access the network share
- Run **Setup.exe**
- Select "**Unattended Setup**" from the setup wizard. This will do the following
  - Automatically apply all SETUP.INI configurations
  - Automatically restart the computer to complete installation

## Automated Script Installation

For network administrators who utilize client-side scripts to deploy applications, Reboot Restore Enterprise seamlessly integrates into existing scripting frameworks. This unattended installation method enables large-scale deployments without user interaction.

### Deployment Instructions

#### 1. Prepare Installation Files

- Copy all Reboot Restore Client program files to a folder on your server
- Create a network share for the folder with appropriate access permissions:
  - Read/Execute permissions for target workstations

#### 2. Configure SETUP.INI File

- Generate the configuration file using the **Setup INI Wizard** (located in the Deployment Tools folder)
- Place the completed SETUP.INI file in the shared folder containing the Reboot Restore Client program files, replacing any existing SETUP.INI

#### 3. Implement Script Deployment

- In your client-side installation script, include the command:

`setup.exe /s`

- The /s switch enables silent mode
- Settings are automatically read from SETUP.INI

## System Image Integration

Reboot Restore Enterprise can be included in a system image (e.g., created with Norton Ghost or similar tools). However, because some components are stored in physical disk sectors rather than visible files, standard imaging methods may miss them.

Follow these steps to prepare a system image with Reboot Restore Enterprise

### Preparation Steps:

#### 1. Copy Installer Files

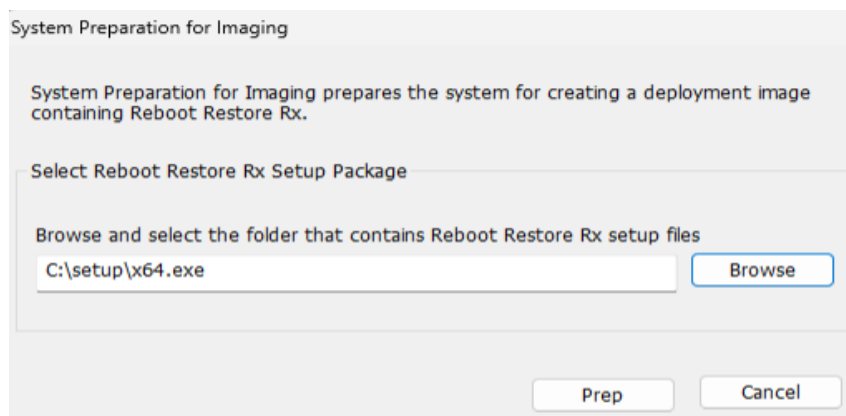
- Extract the Reboot Restore Enterprise installer package
- Copy the Reboot Restore Client files into a folder named **Setup** on the master image drive (ideally C:\Setup)

#### 2. Configure SETUP.INI

- Use the **SETUP.INI Wizard** (found in the *Deployment Tools* folder) to create your custom SETUP.INI file
- Save SETUP.INI in the **Setup** folder, replacing any existing SETUP.INI

#### 3. Run Sysprep for Imaging

- Run **Sysprep for Imaging** from the *Deployment Tools* folder
- Click Browse, then navigate to the C;\setup folder
- Click “Prep” --- *This writes deployment settings to the registry*
- You’ll get a message saying “The System is ready for imaging”



#### 4. Create the System Image

- Image the drive using a Windows-based tool or boot from a CD to capture the image.
- **Do not reboot into Windows** after this step—doing so will trigger Reboot Restore client setup prematurely.

#### Post-Deployment Process:

When the master image is deployed to a new system

- On first boot, the registry entries trigger an **automatic, silent installation** of Reboot Restore Enterprise client
- Setup reads parameters from SETUP.INI with no user input required.
- After installation, setup files are automatically deleted, and the system restarts.

## MSI Package Deployment

The MSI format enables enterprise-grade deployment of Reboot Restore Enterprise, offering silent installations, and Group Policy integration. It simplifies mass deployment through standardized Windows Installer workflows, ensuring consistent configurations across all endpoints with minimal IT effort. Follow the steps below on creating your own MSI package

### 1. Download and install the AppDeploy Repackager app

<https://horizondatasys.com/downloads/Tools/appdeploy-repackager.msi>

### 2. Configure SETUP.INI

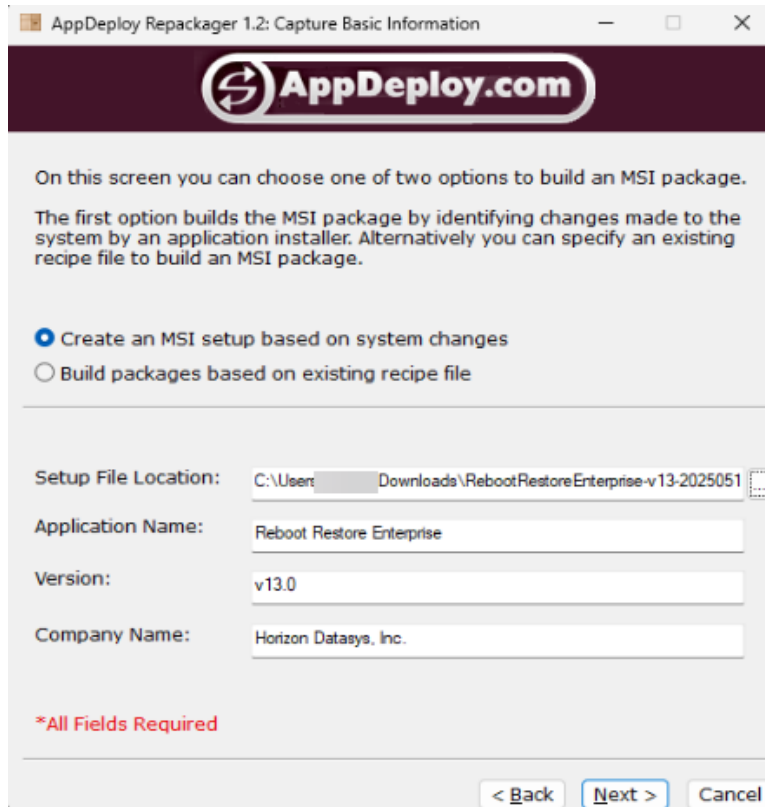
- Extract the Reboot Restore Enterprise installer package
- Use the SETUP.INI Wizard (found in the Deployment Tools folder) to create your custom SETUP.INI file
- Save SETUP.INI in the Setup folder, replacing any existing SETUP.INI

### 3. Create the MSI package

- Open File Explorer. Go to your C drive and create a folder labeled “setup”. This folder should be empty
- Launch the AppDeploy Repackager app desktop shortcut
- Click “Next” on the Welcome screen.
- Select “Create an MSI setup based on system changes”
- Under Setup File Location, click the ... button and navigate to the extracted Reboot Restore Client folder and select “Setup.exe”
- Under version, remove the letter “v”, so it will only be numeric (i.e 13.0)



See example screenshot below



AppDeploy Repackager 1.2: Capture Basic Information

**AppDeploy.com**

On this screen you can choose one of two options to build an MSI package.

The first option builds the MSI package by identifying changes made to the system by an application installer. Alternatively you can specify an existing recipe file to build an MSI package.

☒ Create an MSI setup based on system changes  
☐ Build packages based on existing recipe file

Setup File Location: C:\Users\Downloads\RebootRestoreEnterprise-v13-2025051

Application Name: Reboot Restore Enterprise

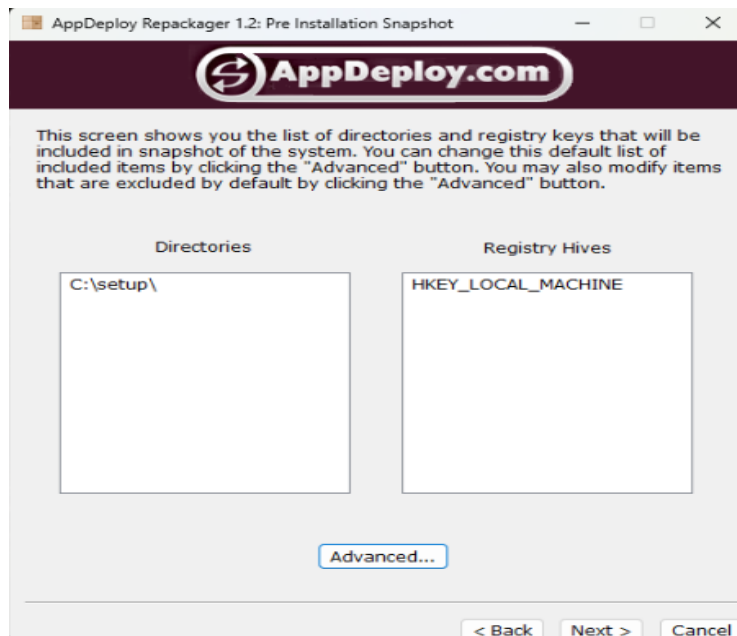
Version: v13.0

Company Name: Horizon Datasys, Inc.

**\*All Fields Required**

< Back Next > Cancel

- Click “Next”
- On the Pre-Installation Snapshot Page, click “Advanced”
- On the left pane (Directories) deselect everything except the C:\Setup folder
- On the right-pane (Registry Hives), deselect everything except “HKEY\_LOCAL\_MACHINE”



AppDeploy Repackager 1.2: Pre Installation Snapshot

**AppDeploy.com**

This screen shows you the list of directories and registry keys that will be included in snapshot of the system. You can change this default list of included items by clicking the “Advanced” button. You may also modify items that are excluded by default by clicking the “Advanced” button.

**Directories**

C:\setup\

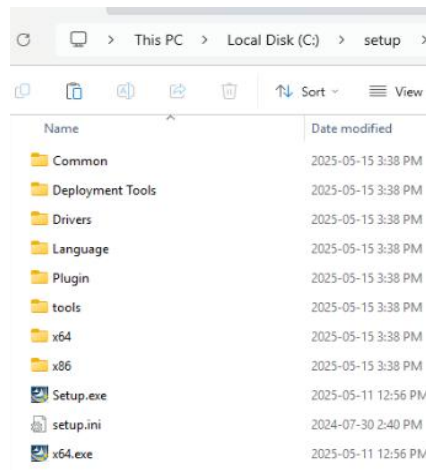
**Registry Hives**

HKEY\_LOCAL\_MACHINE

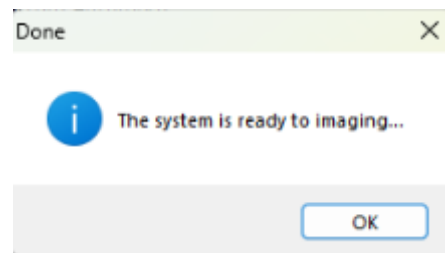
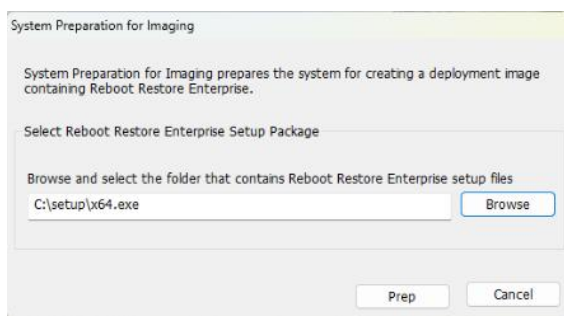
Advanced...

< Back Next > Cancel

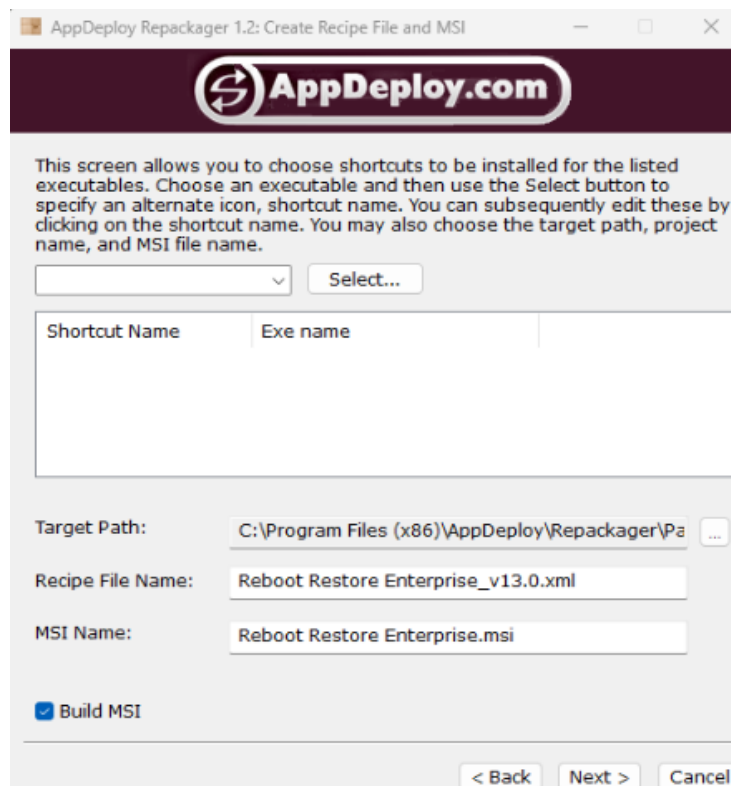
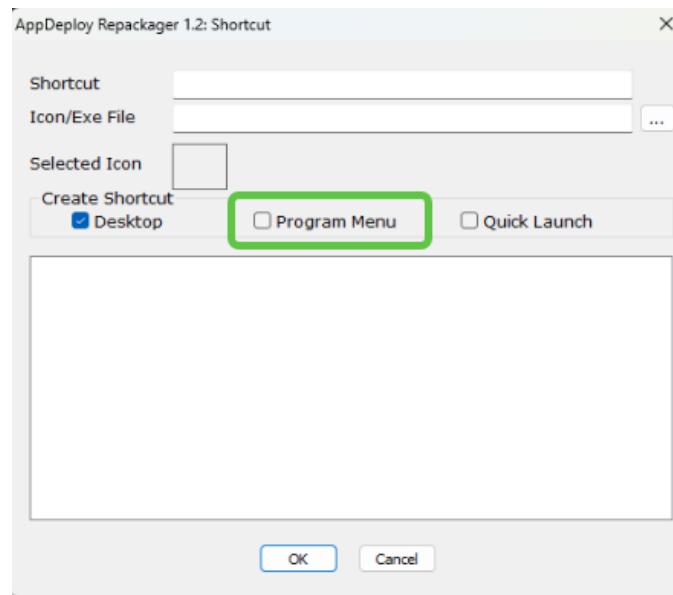
- Click “Next”. It will begin the initial scan
- On the Next Screen, select “Do not launch setup.exe” the click “Next”
- WARNING: On the next screen, DO NOT proceed further but also DO NOT close the Appdeploy Repackager app
- Copy the contents of the Reboot Restore Client folder into the C:\Setup folder (example below)



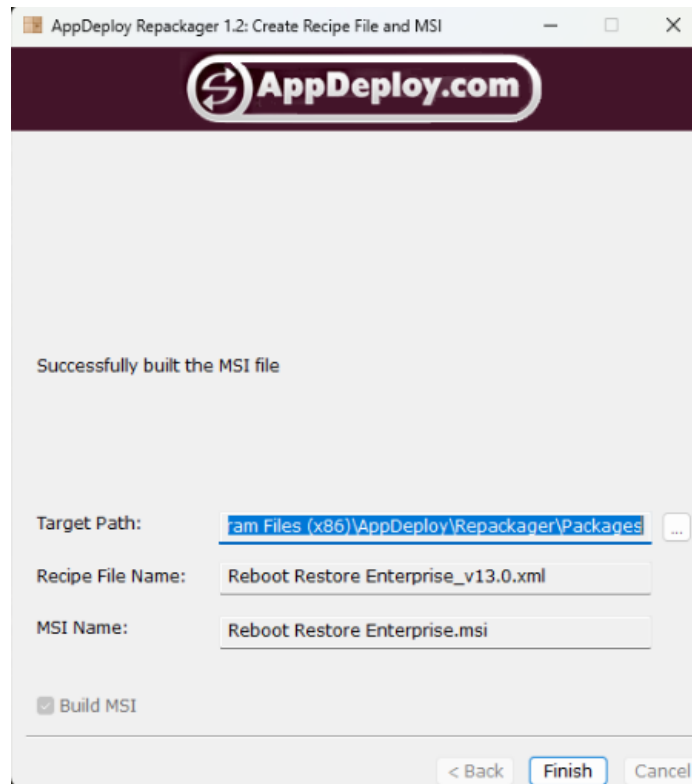
- Run **Sysprep for Imaging** from the Deployment Tools folder in the C:\Setup folder
- Click Browse, then navigate to the C:\Setup folder
- Click “Prep” --- This writes deployment settings to the registry
- You’ll get a message saying “The System is ready for imaging”



- Go back to Appdeploy Repackager app and now hit “Next” it should begin the second scan
- After its done, click “Next” twice on the Package Content Review”
- On the Create Recipe File and MSI section, click the “Select” button
- Uncheck "Program Menu" -> Click OK



- Click Next. It will now create the recipe file and the MSI file
- Click “Finish” once done



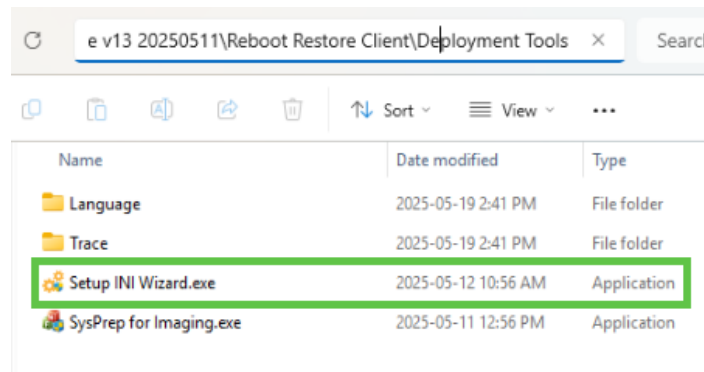
- The MSI file is now available under folder  
C:\Program Files (x86)\AppDeploy\Repackager\Packages

You'll only need the MSI file for deployment, the XML file is if you need to edit the MSI file using the Appdeploy Packeger

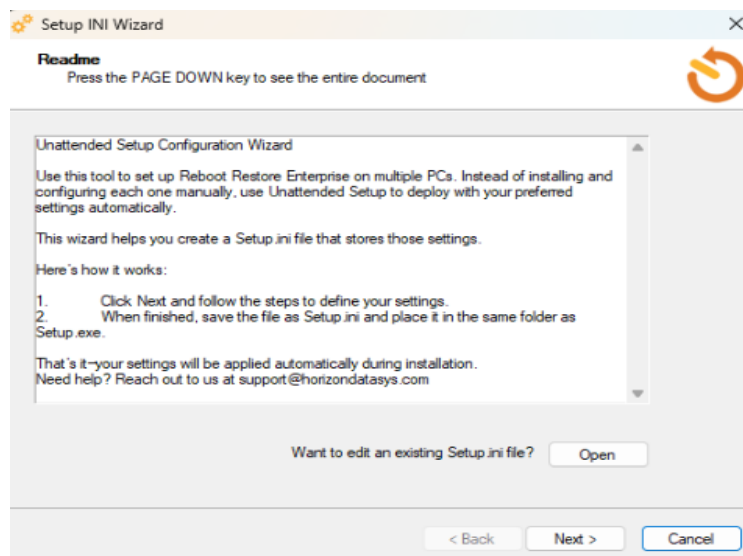
## Setup.INI Wizard Overview

The Setup.INI Wizard is a general guide for creating a custom setup.ini file, which is essential for unattended installations, system imaging, and MSI package creation. This application plays a critical role in streamlining these processes. Proper use ensures efficient and error-free deployment.

The application is generally located under the Deployment Tools folder in the Reboot Restore Enterprise client installer



**1. Welcome Page.** If you have an existing setup.ini file you can open it from here to edit it



## 2. EULA Prompt.

### 3. Setup Option: Enter Product ID. On this step you can do the following

- opt-in to delete the installer files from the client PC after Reboot Restore has installed
- input your purchased product ID/license key
- change the default client installer path
- toggle option for multiboot install

Setup INI Wizard

**Setup Options**  
Enter your Product ID to setup

☐ Remove the deployment package after setup

User Name: Administrator

Company Name: Your company

Product ID: HDENT-RS

Install Path: C:\Program Files\Reboot Restore Enterprise Browse

**Multi-boot Setup Selection**

☒ This computer has a single boot of Windows O.S.

☐ This computer has multiple boots of Windows O.S. This is one of the O.S. I need to install the product.

☐ This computer has multiple boots of Windows O.S. and I have installed in all the other O.S.; This is the last O.S. I need to install the product.

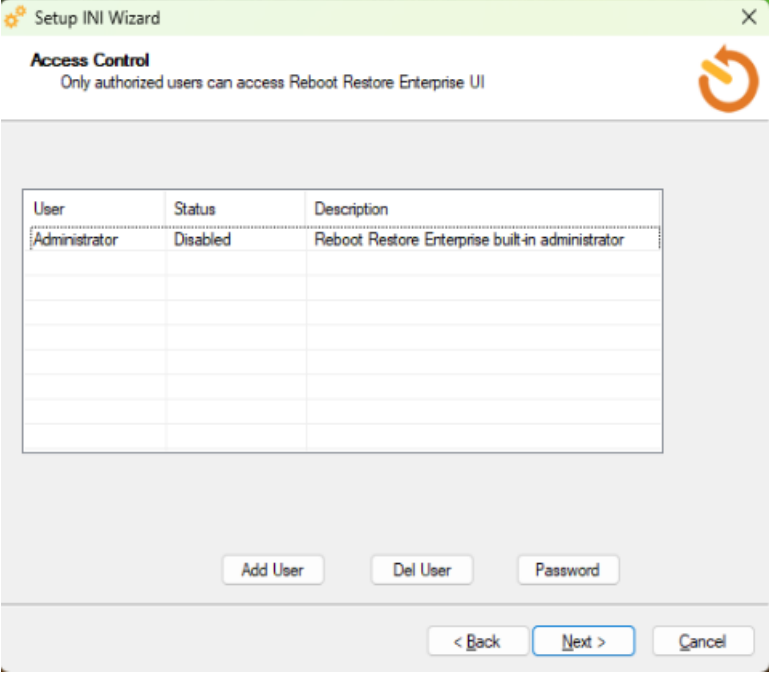
< Back Next > Cancel

## 4. Access Control

Here is where you can set the password for the Reboot Restore Enterprise client UI.

- select the Administrator user account > click the Password button
- you can also add new users here with limited permissions

NOTE: You'll get a warning prompt if you skipped this step. The default password is blank password with Administrator as username

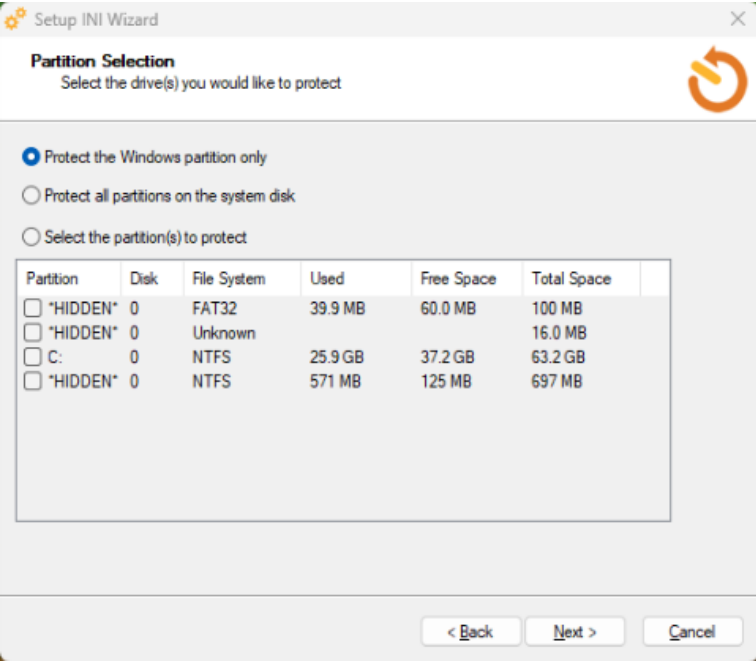


**Setup INI Wizard**

**Access Control**  
Only authorized users can access Reboot Restore Enterprise UI

User	Status	Description
Administrator	Disabled	Reboot Restore Enterprise built-in administrator

**5. Partition Selection.** Here you can select which partitions to protect during install.  
 TIP: Choosing “Windows partition only” or “All Partitions on the system drive” does generally guarantee full compatibility across multiple PC configurations



**Setup INI Wizard**

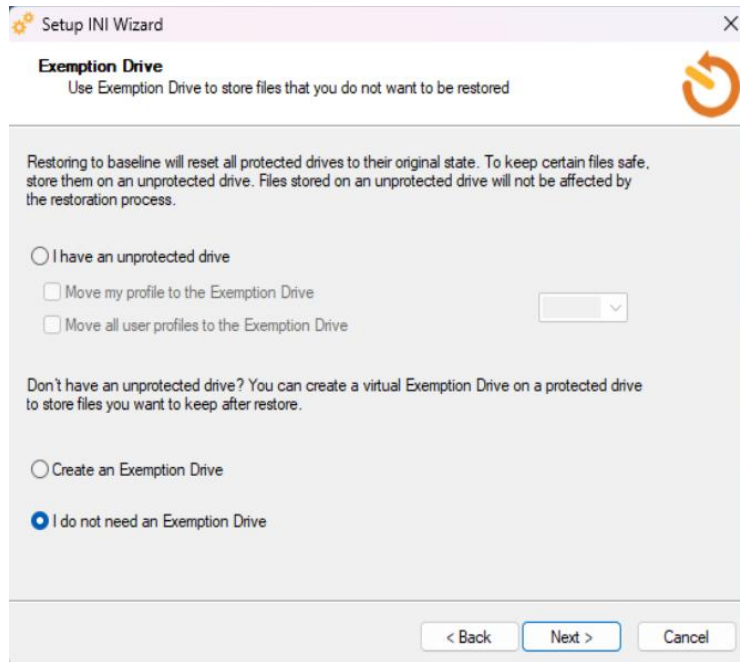
**Partition Selection**  
Select the drive(s) you would like to protect

☒ Protect the Windows partition only  
☐ Protect all partitions on the system disk  
☐ Select the partition(s) to protect

Partition	Disk	File System	Used	Free Space	Total Space
<input type="checkbox"/> *HIDDEN*	0	FAT32	39.9 MB	60.0 MB	100 MB
<input type="checkbox"/> *HIDDEN*	0	Unknown			16.0 MB
<input type="checkbox"/> C:	0	NTFS	25.9 GB	37.2 GB	63.2 GB
<input type="checkbox"/> *HIDDEN*	0	NTFS	571 MB	125 MB	697 MB

## 6. Exemption Drive.

You can choose to have an Exemption drive created on install or if you already have an unprotected partition to move user profiles there



**Setup INI Wizard**

**Exemption Drive**  
Use Exemption Drive to store files that you do not want to be restored

Restoring to baseline will reset all protected drives to their original state. To keep certain files safe, store them on an unprotected drive. Files stored on an unprotected drive will not be affected by the restoration process.

☐ I have an unprotected drive

☐ Move my profile to the Exemption Drive

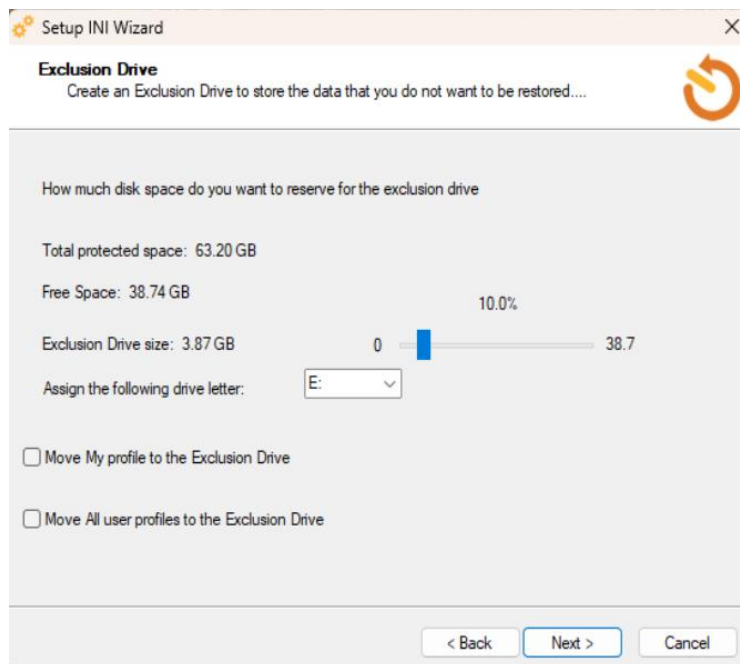
☐ Move all user profiles to the Exemption Drive

Don't have an unprotected drive? You can create a virtual Exemption Drive on a protected drive to store files you want to keep after restore.

☐ Create an Exemption Drive

☒ I do not need an Exemption Drive

< Back   Next >   Cancel



**Setup INI Wizard**

**Exclusion Drive**  
Create an Exclusion Drive to store the data that you do not want to be restored...

How much disk space do you want to reserve for the exclusion drive

Total protected space: 63.20 GB

Free Space: 38.74 GB

Exclusion Drive size: 3.87 GB

Assign the following drive letter: E:

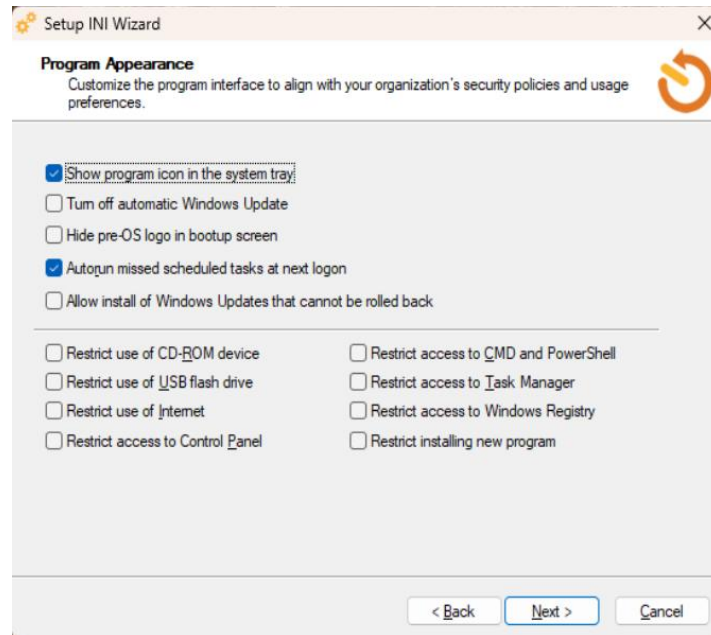
☐ Move My profile to the Exclusion Drive

☐ Move All user profiles to the Exclusion Drive

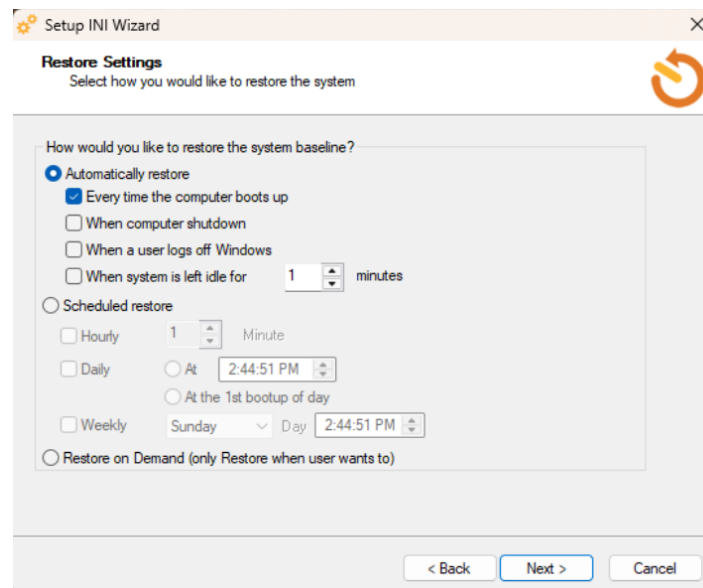
< Back   Next >   Cancel



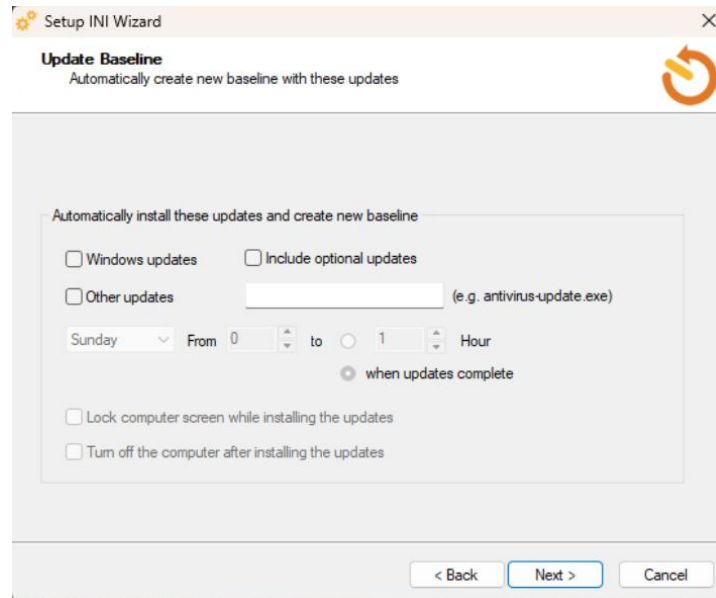
**5. Program Appearance.** Adjust Reboot Restore Enterprise Client Settings (e.g. Hiding the subconsole, tray icon) as well as restricting resources



**7. Restore Settings.** Set Reboot Restore Client default auto-restore behaviour.

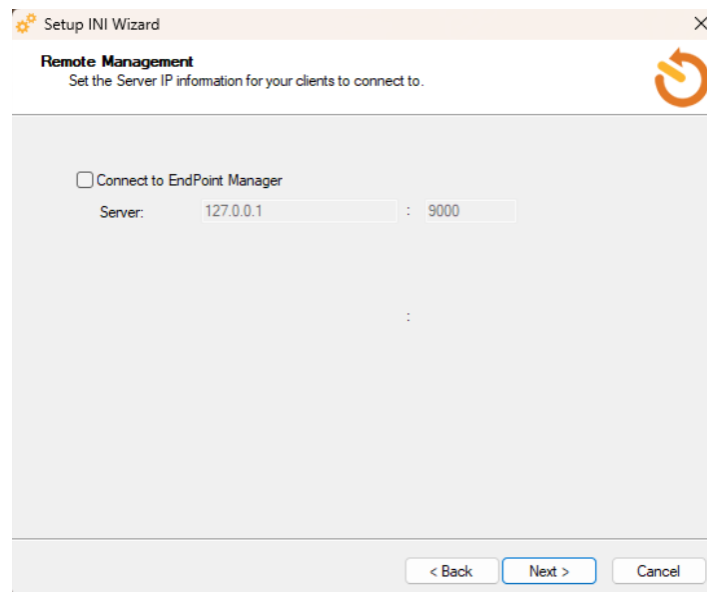


**8. Update Baseline.** Set schedule to automatically update Windows. Reboot Restore automatically sets a new baseline after the automated task.



The screenshot shows the 'Update Baseline' window of the Setup INI Wizard. The window title is 'Setup INI Wizard' and the subtitle is 'Update Baseline'. Below the subtitle, it says 'Automatically create new baseline with these updates'. The main content area has a section titled 'Automatically install these updates and create new baseline'. Inside this section, there are several options: 'Windows updates' (unchecked), 'Include optional updates' (unchecked), 'Other updates' (unchecked) with a text input field containing '(e.g. antivirus-update.exe)', a schedule dropdown set to 'Sunday', 'From' 0 'to' 1 'Hour', a radio button selected for 'when updates complete', 'Lock computer screen while installing the updates' (unchecked), and 'Turn off the computer after installing the updates' (unchecked). At the bottom right, there are three buttons: '< Back', 'Next >', and 'Cancel'.

**9. Remote Management.** Configure the client to connect to the IP address of the PC that has the Endpoint Manager installed. You can also use the Endpoint Manager PC's machine name or a DNS address if the Endpoint Manager PC has an external IP address (to connect over the internet or across multiple locations)



The screenshot shows the 'Remote Management' window of the Setup INI Wizard. The window title is 'Setup INI Wizard' and the subtitle is 'Remote Management'. Below the subtitle, it says 'Set the Server IP information for your clients to connect to.'. The main content area has a section titled 'Connect to EndPoint Manager' with an unchecked checkbox. Below this, there is a 'Server:' label followed by a text input field containing '127.0.0.1' and a port input field containing '9000'. At the bottom right, there are three buttons: '< Back', 'Next >', and 'Cancel'.

**10. More Settings.** These are additional program settings that are not available in the Setup.INI Wizard. A few examples:

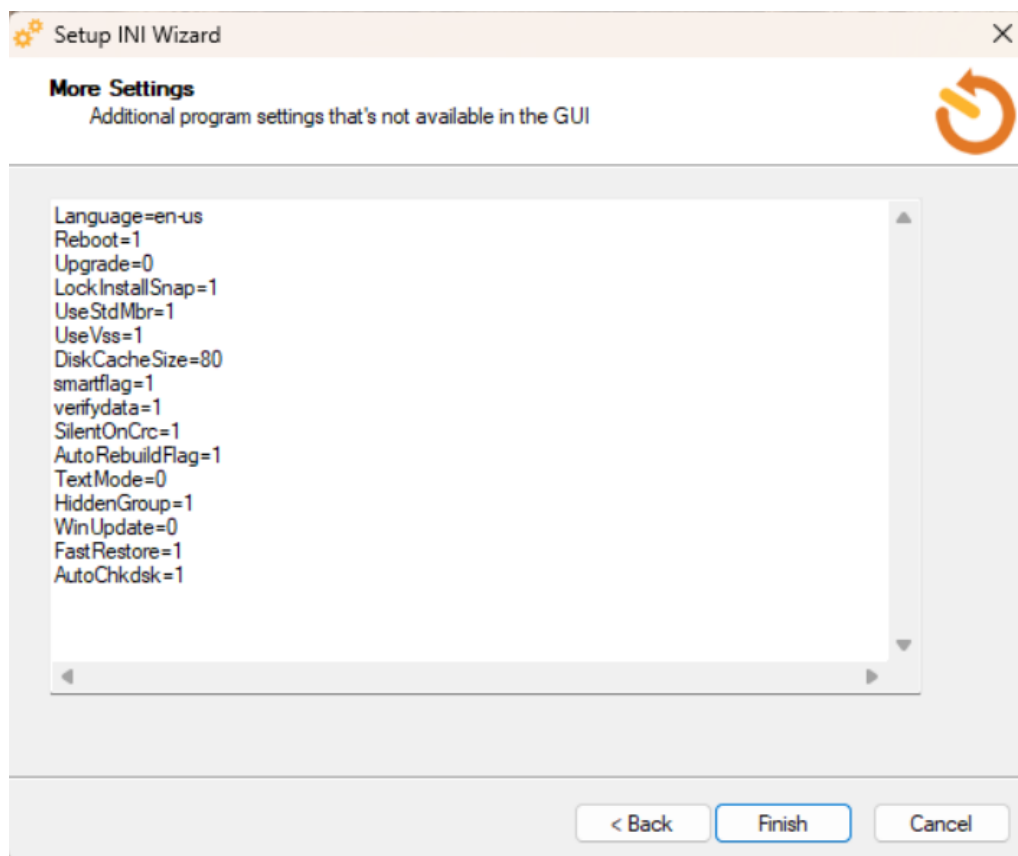
Reboot=1/0

1 - automatically reboots the PC during an unattended/script/image deploy or MSI install the PC to install the subconsole

0 - disables auto-reboot. Useful if you have other applications that need to finish installation on first boot before locking it down with Reboot Restore client (i.e. Sysprep)

Upgrade=0/1

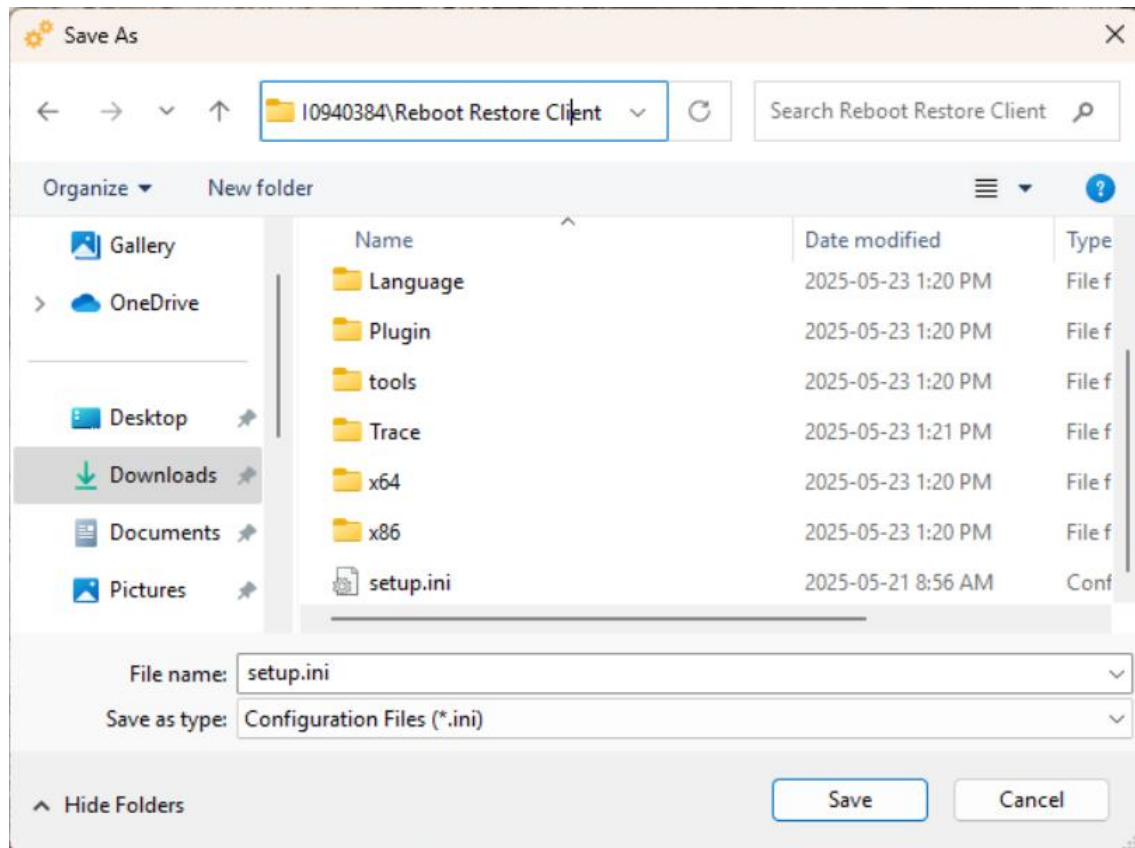
0 - for standard install. 1 if updating an existing client install (via command line only)



## 11. Finish

Once you click finish, you'll get prompted to save the file.

Name it "setup.ini" and you can save it on any location or overwrite the default setup.ini file



# Automating Client Version Upgrade

Upgrading your Reboot Restore client from an older version (like v11 or v12) to the latest version can be challenging because you must uninstall the old version first. The guide below will help make the process easier.

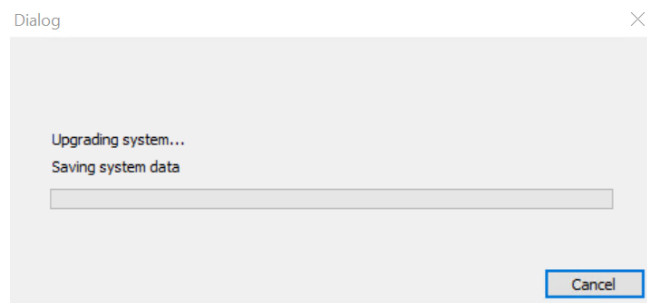
## 1. Prep your installer

- Download the latest version. The latest versions are readily available in the link below <https://horizondatasys.com/download/>
- Create a custom setup.ini file using the SETUP.INI Wizard under the Deployment Tools folder
- In the last section, look for the upgrade=0 switch and change it to upgrade =1
- Save the custom setup.ini file and copy to/overwrite the existing setup.ini file

TIP: The upgrade will uninstall Reboot Restore Client to the current system state - so make sure that you've restored back to a clean baseline before proceeding

## 2. Install

- Open the command line prompt (start > run > type in "cmd")
- From the command prompt navigate to the client installer folder  
example: `cd C:\Users\Tester\Downloads\RebootRestoreEnterprise13\RebootRestoreENT13-2710940384\Reboot Restore Client)`
- Run a silent install command:  
`setup.exe /s /u Administrator /p`
- Ideally, you'll see the screen below on the client PC

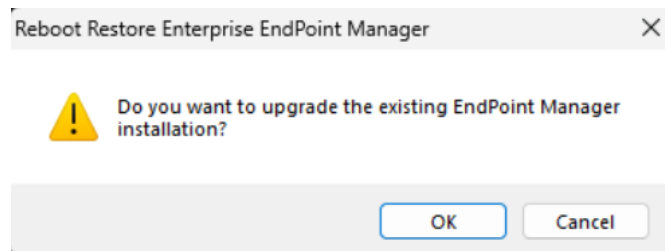


- The PC will reboot multiple times during this process and install the latest version

## Upgrading the client through the Endpoint Manager

You can also use functions in the Endpoint Manager to automatically update the client version

**1. Install the latest version of the Endpoint Manager.** Upgrading the Endpoint Manager is much simpler as installing it on an existing install will detect it and prompt to update it

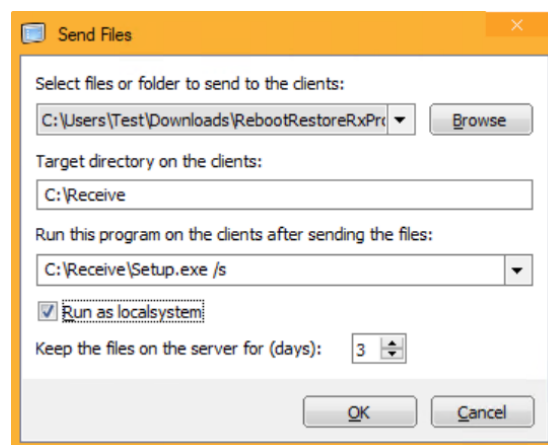


## 2. Prep your installer

- Download the latest version. The latest versions are readily available in the link below: <https://horizondatasys.com/download/>
- Create a custom setup.ini file using the SETUP.INI Wizard under the Deployment Tools folder
- In the last section, look for the upgrade=0 switch and change it to upgrade =1
- Save the custom setup.ini file and copy to/overwrite the existing setup.ini file

## 3. Use the Send Files function. From the Endpoint Manager

- Right-click the connected client PC or group > More > Send Files
- Browse to the installer folder. Add to /s for the silent install switch. Example below



**TIP:** Try the method on a small sample set first before mass deploying it to make sure it work.