How to remove the NPSK ransomware and decrypt .npsk files.

If you discover that your computer is infected with the NPSK ransomware and your files have been encrypted, you need to take immediate action to remove the virus and decrypt the infected files. This article will guide you through the easy and effective steps to remove the NPSK ransomware and decrypt .npsk files.

NPSK is the name of a computer threat that can lock your personal files such as documents, photos, and videos. This virus employs a complex encryption algorithm, so you cannot access your data without a decryption key. After your system is infected, you are offered a deal – pay money in exchange for data recovery. That's why it's called ransomware or extortion malware. So what do you do if your computer is infected with NPSK ransomware?

How to remove NPSK, a ransomware virus on your PC.

Article contents:

1. How does the NPSK ransomware virus infect your computer?

Cybercriminals use various techniques to introduce viruses into target computers. **Ransomware** can infiltrate a victim's computer in several ways. In most cases, ransomware attacks are carried out with the help of the following methods:

- **Spam** : This is the most commonly used method. Cybercriminals use phishing emails disguised as legitimate business organizations or companies (receipts, prize notifications, order confirmations, bank messages, etc.) to trick users into clicking on malicious attachments.

- **Software** : Hackers use specialized tools to exploit known vulnerabilities in systems or applications. That's why you should always update Windows to the latest version.

- **Suspicious web sources** : Various suspicious websites may contain malicious scripts or hyperlinks that could infect your system.

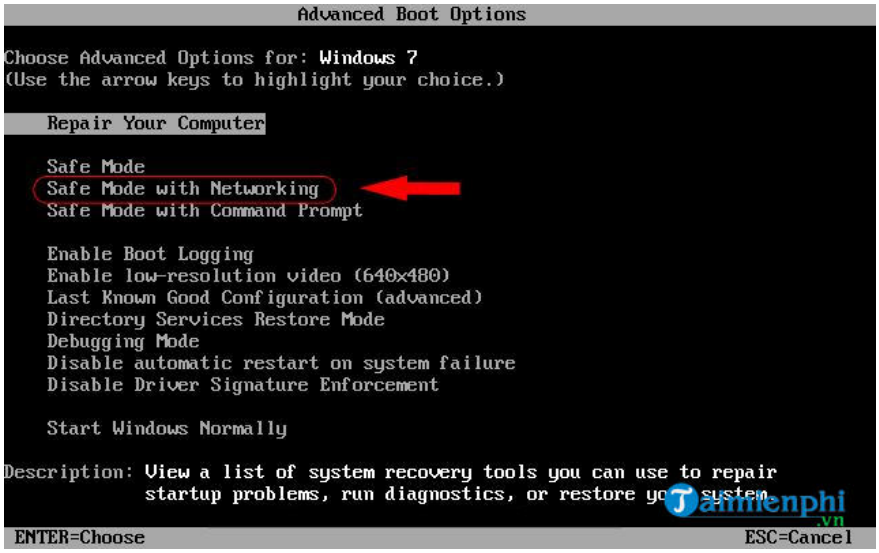
- **Remote Desktop Protocol:** Cybercriminals often abuse the built-in Windows Remote Desktop Protocol feature to infect computers with ransomware. This allows them to remotely access the target computer and manually install the virus.

2. How to remove the NPSK ransomware

Before proceeding to remove the Npsk ransomware, you will need to restart your computer system (reboot) in **Safe Mode with Networking** and then download antivirus software capable of removing the Npsk ransomware and all related files.

2.1. For Windows XP/Vista/7

Restart your computer before your system starts by pressing the **F8** key several times. This will prevent the system from loading and will display the **Advanced Boot Options** screen . Select **Safe Mode with Networking** from the list of options using the up and down arrow keys on your keyboard and press **Enter** .

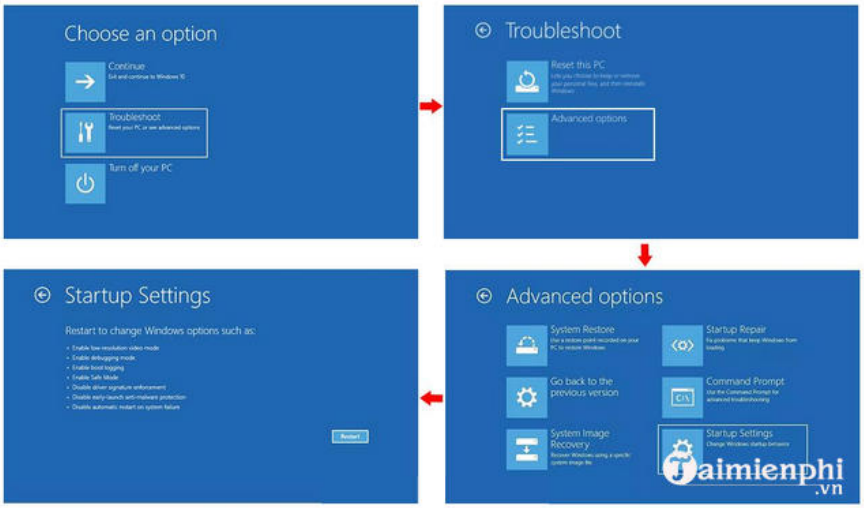


2.2. For Windows 8/10

- Click the **Start** button and select **Settings** .

- Click on **Update & Security** , then select **Recovery** > **Restart now** .

- After your device restarts, click **Troubleshoot** > **Advanced options** > **Startup Settings** > **Restart** .



Finally, press the **F5** key to **enable Safe Mode with Networking** .

After the system loads into **Safe Mode with Networking** , open your web browser and download a reliable **antivirus software** , then perform a full system scan. Review the scan results and remove all detected items. You can refer to the article on the top antivirus software shared by thuthuat.taimienphi.vn.

Once the Npsk ransomware has been successfully removed, you can begin decrypting the .npsk file.

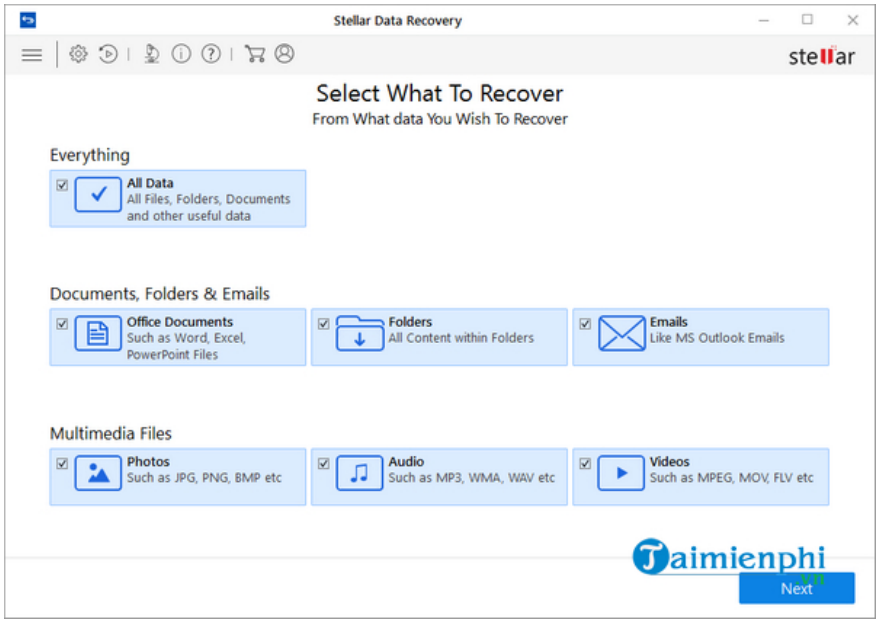
3. How do I decrypt files infected by NPSK?

3.1. Recovering files with recovery tools

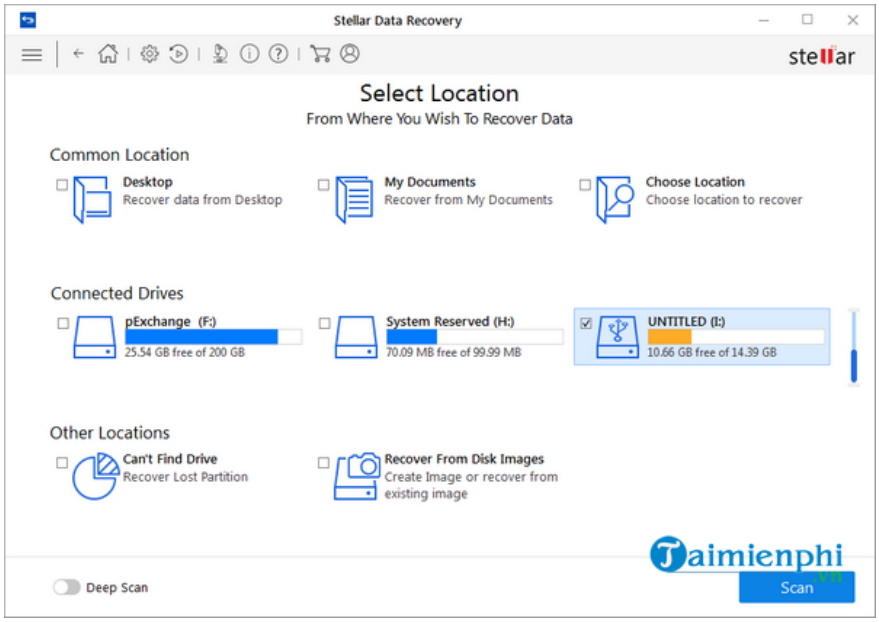
In the event your computer is attacked by ransomware, you may need to recover your files using data recovery software. Stellar Data Recovery is one of the most effective tools that can recover lost or corrupted files such as documents, emails, photos, videos, audio files, and more on any Windows device. Its powerful scanning engine can detect compromised files and ultimately save them to a designated location.

- Open Stellar Data Recovery.

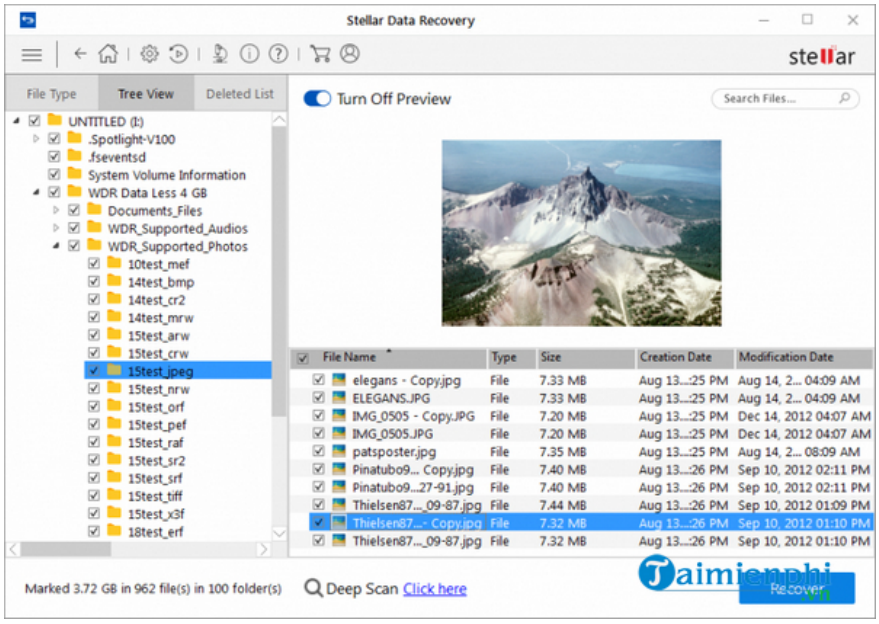
- Select the file types you want to recover and click **Next** .



- Select the drive and folder where your files are located and the date you want to recover them. Then press **Scan** .



- After the scanning process is complete, click on **Recover** to restore your files.



Next, choose where you want to save the file and click **Start Saving** to save the recovered data.

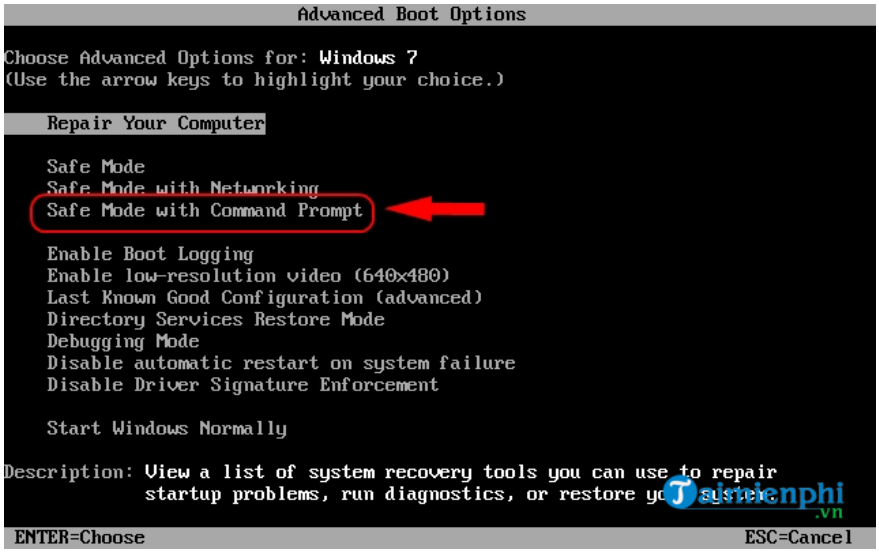
Because new ransomware viruses emerge almost daily, there's no technical capability to release a decryption tool for every single one. In this case, recovery tools have a chance to prove their effectiveness. While this is one of the most effective methods when a decryption tool isn't available, it's not 100% guaranteed and isn't the only way.

3.2. Restoring the system using System Restore

Although the latest version of the Npsk ransomware can delete system recovery files, this method may help you recover some of your files. Try this method and use the standard **System Restore** tool to recover your data. The entire process is best performed in **Safe Mode with Command Prompt** .

***For Windows XP/Vista/7 users:**

Restart your computer before the system starts by pressing the **F8** key several times. This will prevent the system from loading and will display the **Advanced Boot Options** screen . Select **Safe mode with Command** from the list of options using the up and down arrow keys on your keyboard and press **Enter** .

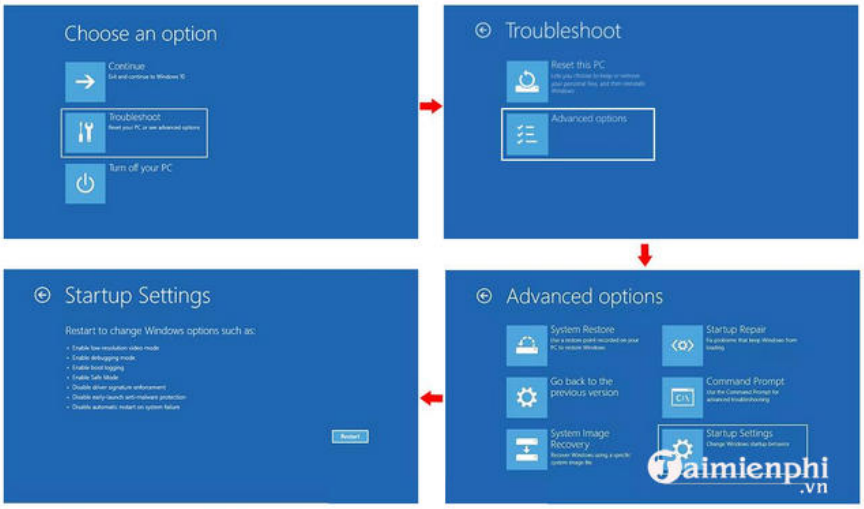


***For Windows 8/10 users:**

- Click the **Start** button and select **Settings** .

- Click on **Update & Security** , then select **Recovery > Restart now** .

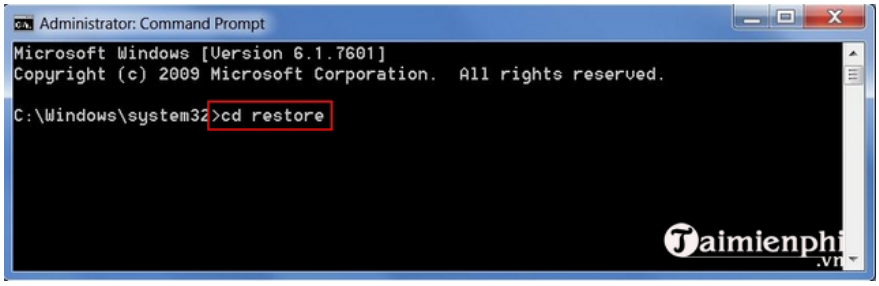
- After your device restarts, click **Troubleshoot > Advanced options > Startup Settings > Restart** .



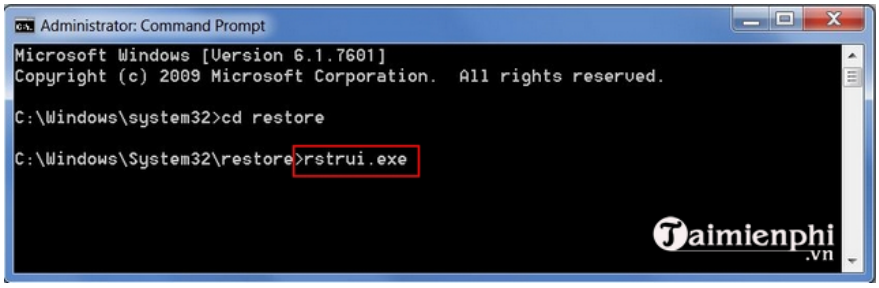
Press the **F5** key to **enable Safe Mode with Command Prompt** .

After the system has loaded into **Safe Mode with Command Prompt,** follow these steps:

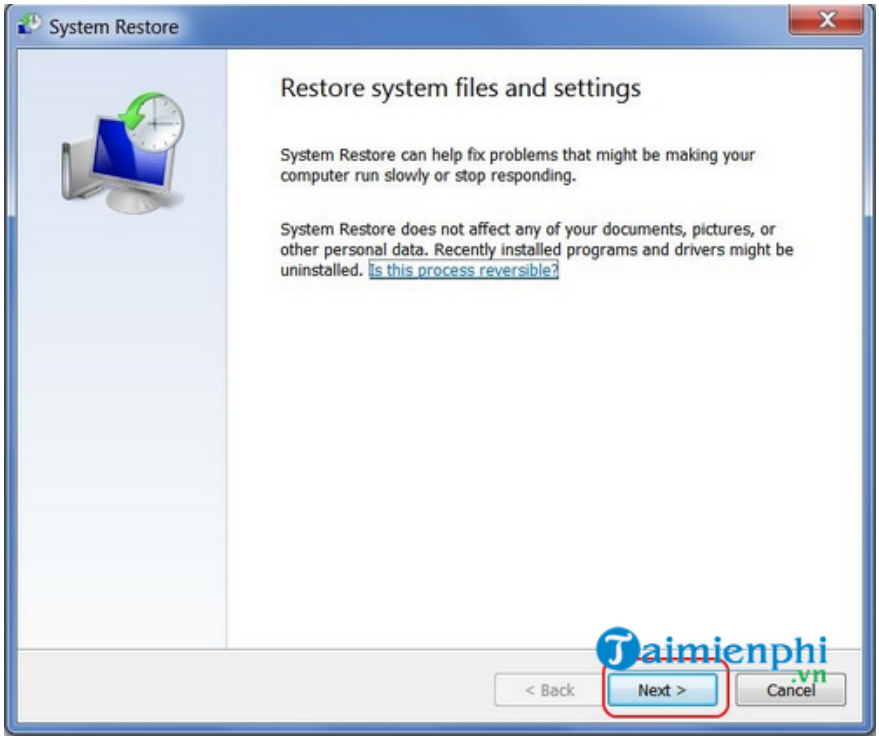
Step 1: **In the Command Prompt** window, type **cd restore** and press **Enter** .



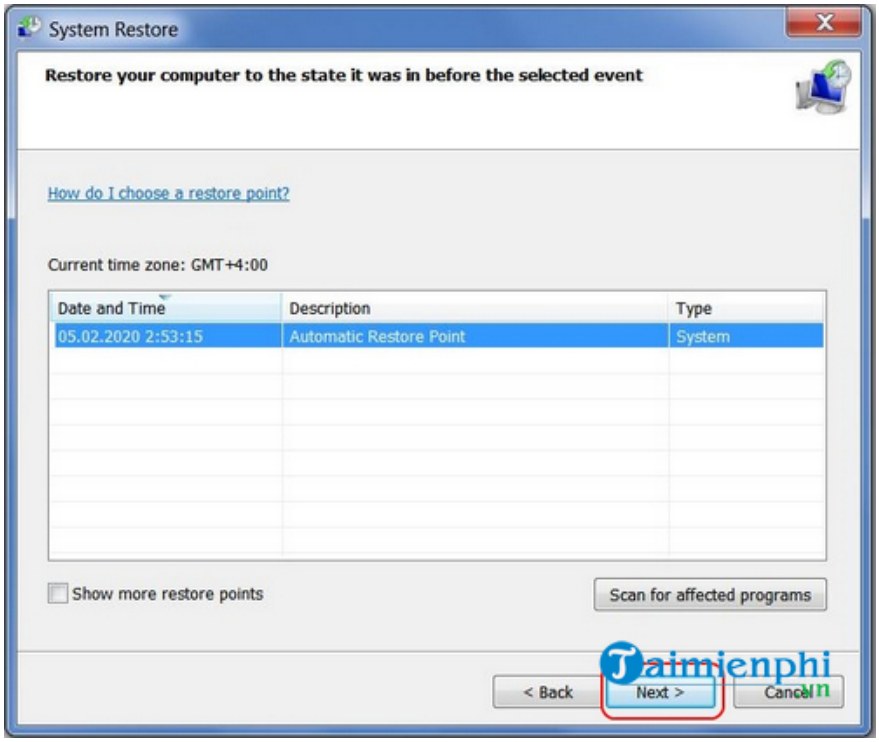
Step 2: Then type **rstrui.exe** and press **Enter** again.



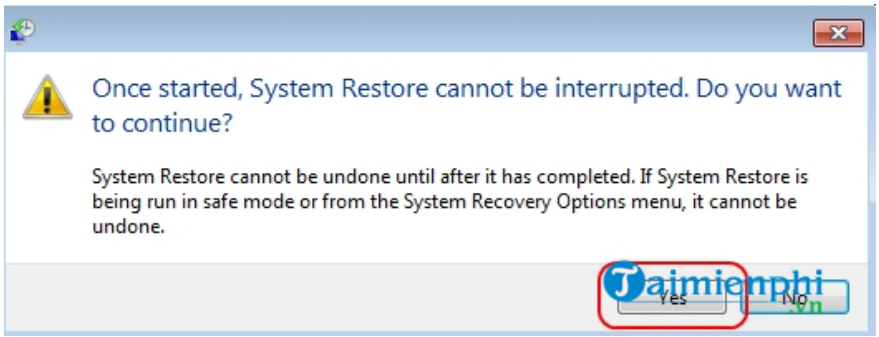
Step 3: In the new window that appears, click **Next** .



Step 4: Select the date and click **Next** again.

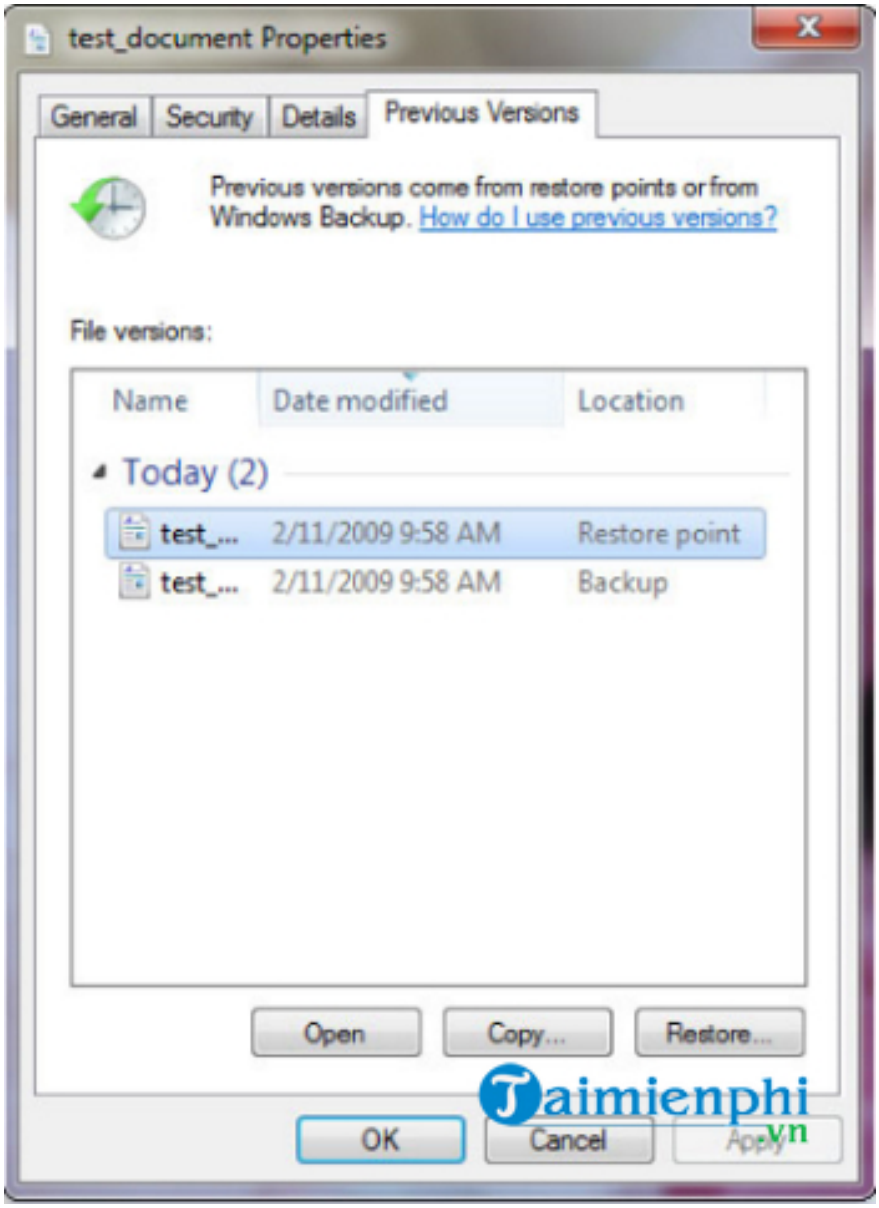


Step 5 *:* Click **Yes** to begin system recovery.



3.3. Restoring a previous file version

Previous versions may be copies of files or folders created by Windows Backup (if it works), or copies of files and folders created by System Restore. You can use this feature to recover files and folders that you accidentally modified, deleted, or corrupted. This feature is available in Windows 7 and later versions.



Here's what you do:

- Right-click on the encrypted file and select **Properties.**

- Open the **Previous Version** tab .

- Select the latest version and click **Copy** .

- Click on **Restore** .

Anyone can get infected with a virus that encrypts data, but you can minimize this risk by following rules including updating Windows when an update is available, backing up all important data from your computer, never opening email attachments without scanning for viruses first, and most importantly, installing reliable antivirus software.