



## Built-in System Recovery Function Removed from GV-Surveillance Systems

**Article ID: GV5-21-12-10**

**Release Date: Dec. 17, 2021**

**Revision Date: Mar. 21, 2025**

### Applied to

GV-AI System V2 Rev. B

GV-Control Center System V2 Rev. B

GV-Hot Swap System V6 Rev. C Series

GV-Mini System V2 Rev. B

GV-Mobile System 2700

GV-Tower System V2 Rev. F2

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**Note:** Specifications are subject to change without notice.

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### Description of Changes

GV-Surveillance Systems that are shipped **after Jan. 1, 2022** will not be equipped with the System Recovery function from the built-in SSD. Users are advised to use the Backup and Restore function in Windows when in need of a system recovery.



## System Backup using Windows Tool

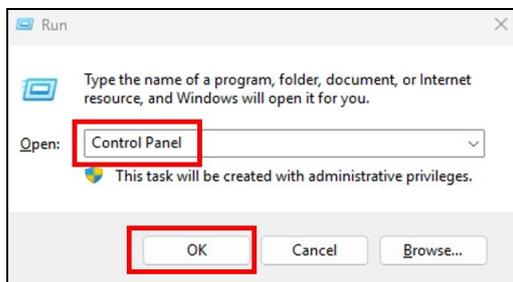
It is highly recommended to back up the OS and system software before any configurations or operations. Prepare a USB flash disk or a removable HDD of at least 64 GB and follow the steps below to save the backup.

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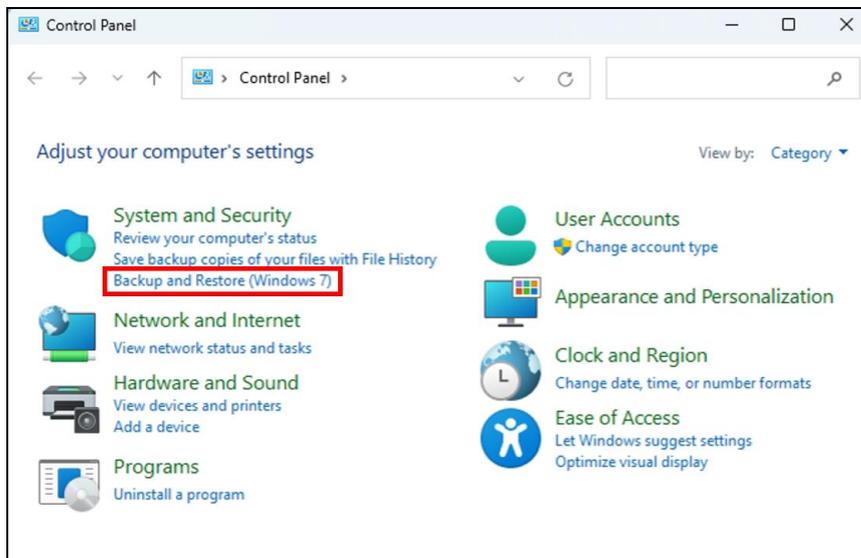
**Note:** The following procedures are applied to GV surveillance systems with **Windows 11 IoT Enterprise LTSC**.

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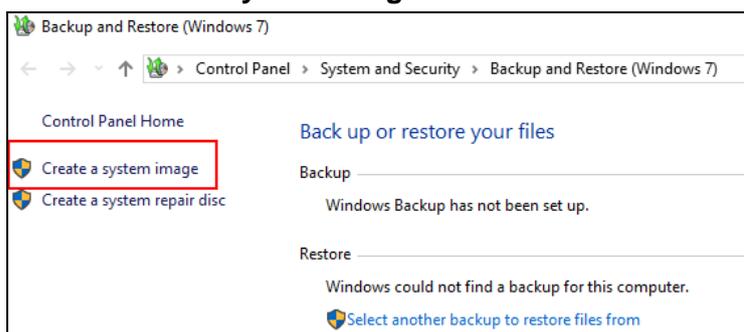
1. Press **Windows + R**. The Run dialog box appears.
2. Type **Control Panel** and click **OK**. The Control Panel appears.



3. Select **Backup and Restore (Windows 7)**.

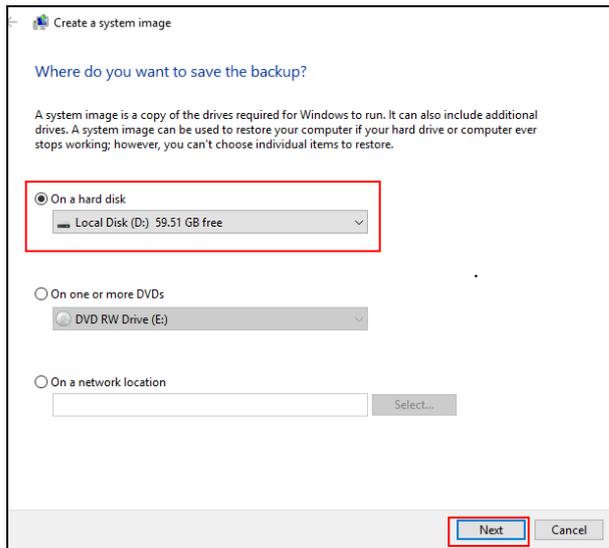


4. Select **Create a System Image**.

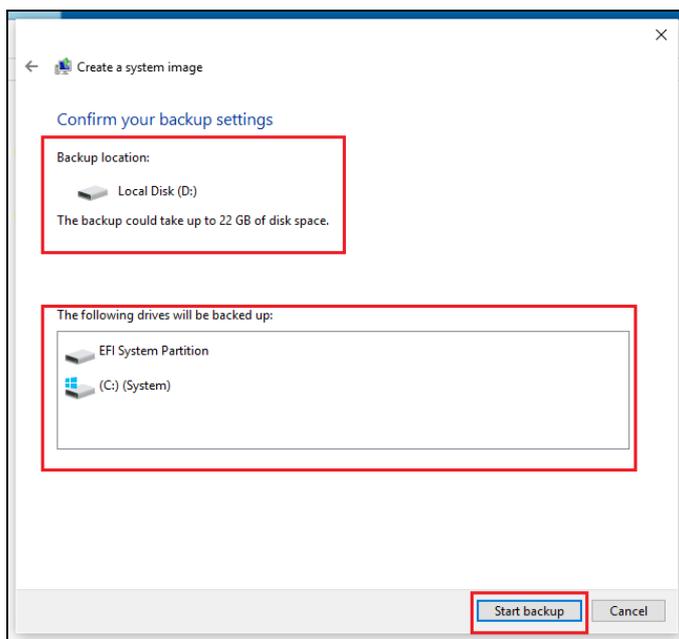




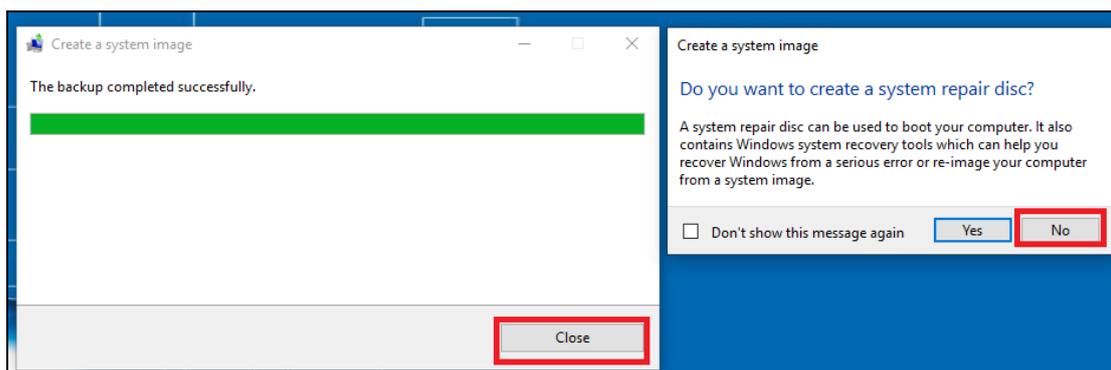
5. Select a connected USB flash drive or HDD and click **Next**.



6. Confirm your backup settings and click **Start Backup**.



7. Select **No** for creating a system repair disc. Once the backup is complete successfully, an image file (.vhd) of the entire system will be created. Keep the file for future restore operations when needed.





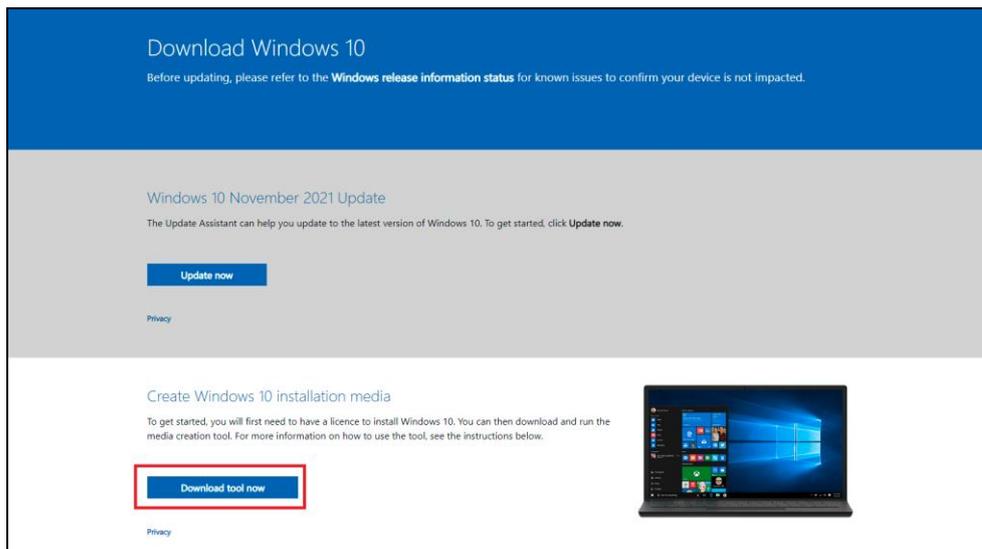
## System Restoration using Windows Tool

Prepare a USB flash disk of at least 8 GB, and follow the steps below to create an installation USB and restore your backup.

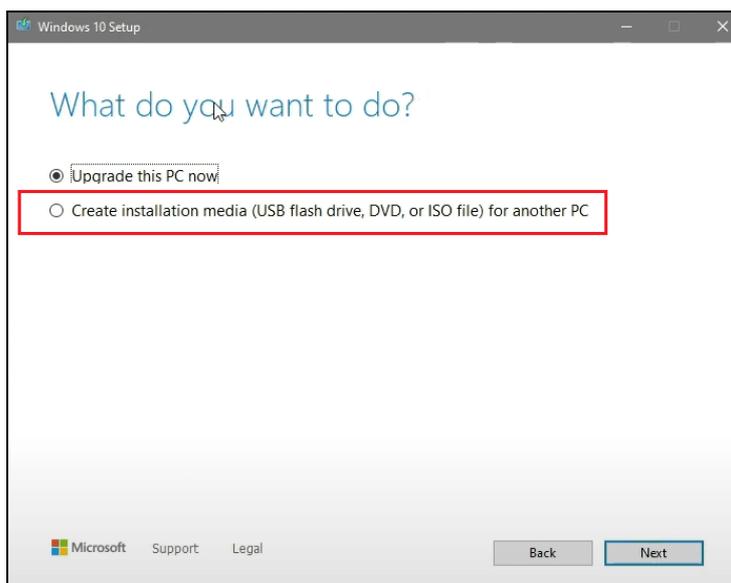
### To create an installation USB:

1. Plug a USB flash disk into your PC and select **Download tool now** on the webpage:

<https://www.microsoft.com/en-au/software-download/windows10>



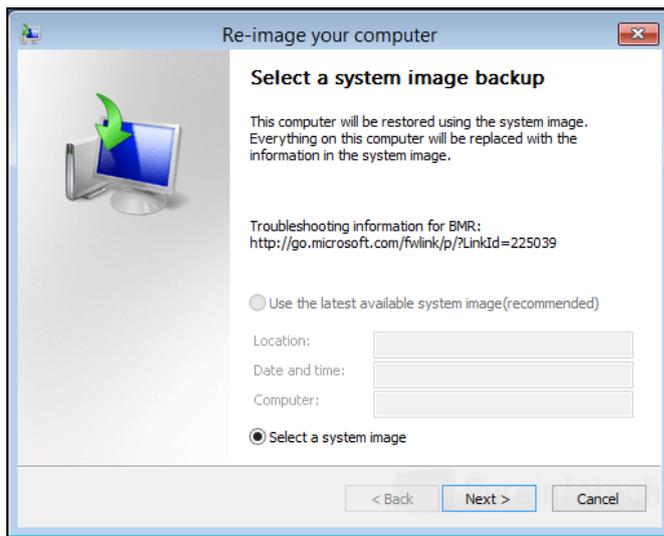
2. Follow the on-screen instructions to download the tool, and use it to create an installation USB.



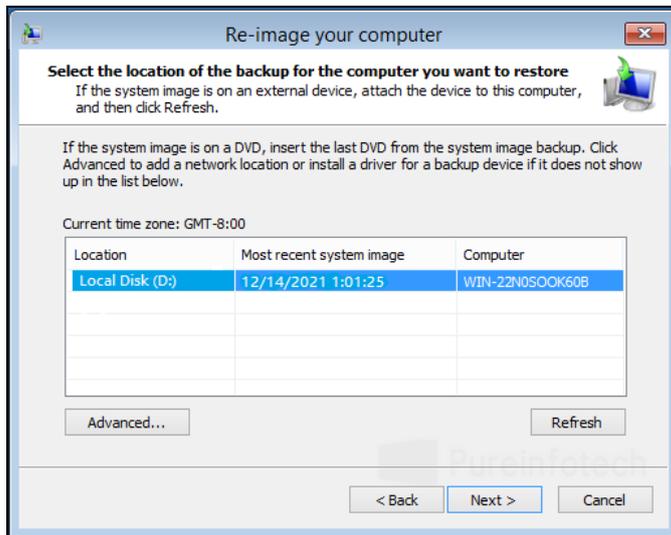


**To restore the backup:**

3. Connect the storage device with the backup file and the USB installation flash disk to your GV system.
4. Start the system from the USB installation disk.
5. Select **Repair your computer > Troubleshoot > System Image Recovery > Windows 10** from the upcoming windows.
6. Select **Select a system image** and click **Next**.



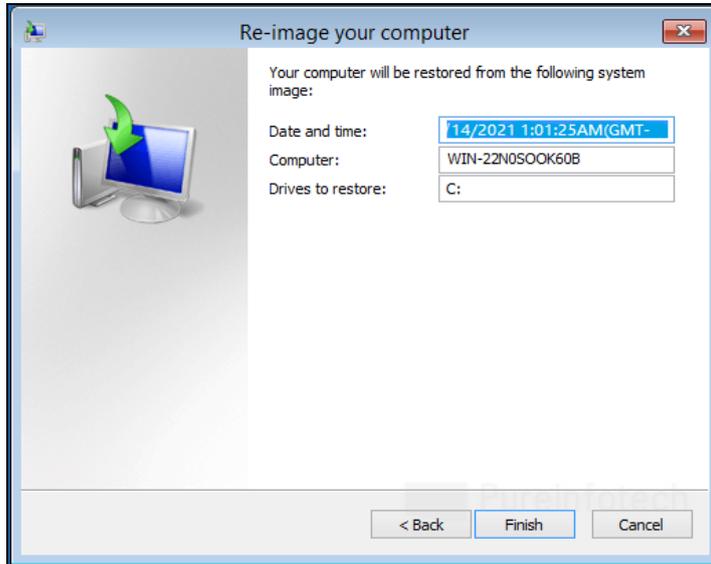
7. Select the image file you want to restore and click **Next**.



8. Select the date and time of the system image to restore, click **Next** and **Next** one more time.



9. A final summary will be displayed. Click **Finish** and confirm that you understand that everything in the hard drive, with Windows on it, will be erased by this process.



10. The restore process starts.

Your system will restart after the restore process finishes. Remember to unplug your USB flash drive before it restarts.