



How to Upgrade GV-VMS from V17 / V18 to V20

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Applied to

GV-VMS V17 / V18

Summary

Before upgrading from GV-VMS V17 / V18 to V20, ensure you have a backup of system settings and log files, so you can restore the system if something goes wrong after the upgrade.

To back up settings and log files and perform the upgrade, follow the steps below.

IMPORTANT:


1. Backup files from GV-VMS V17 / V18 containing settings for the following video processing functions **cannot be restored in GV-VMS V20**, as these functions are no longer supported in V20: *Object Index, Defog, Stabilizer, Counter/Intrusion Alarm Setting, Crowd Detection, Advanced Unattended Object Detection, Advanced Missing Object Detection, Face Count, and Heat Map.*
 2. Backup files from GV-VMS V18 containing AI event logs and images **cannot be restored in GV-VMS V20**, as they have been removed and replaced by the Event List in V20.
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1. Backing Up the Current System Settings and Logs

1.1 Backing Up System Settings

Using the GV-Fast Backup and Restore Multicam System (GV-FBR), you can back up system settings.

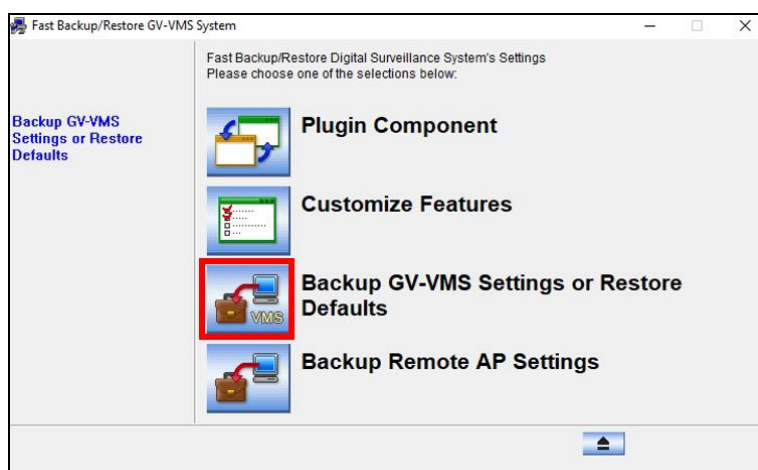
1. Download and install GV-FBR V18.4A by selecting **Utility** from the dropdown list and clicking the **Download** icon  next to **GV-Fast Backup and Restore Multicam System V18.4A** on the [GeoVision Website](#).

Type	Title	Ver.	Size	Download
	GV-Fast Backup and Restore Multicam System (Only for Upgrading GV-VMS to V20)	V18.4A	9.9MB	
	GV-Fast Backup and Restore Multicam System (Only for GV-VMS V20)	V20.0	11.6MB	

IMPORTANT:

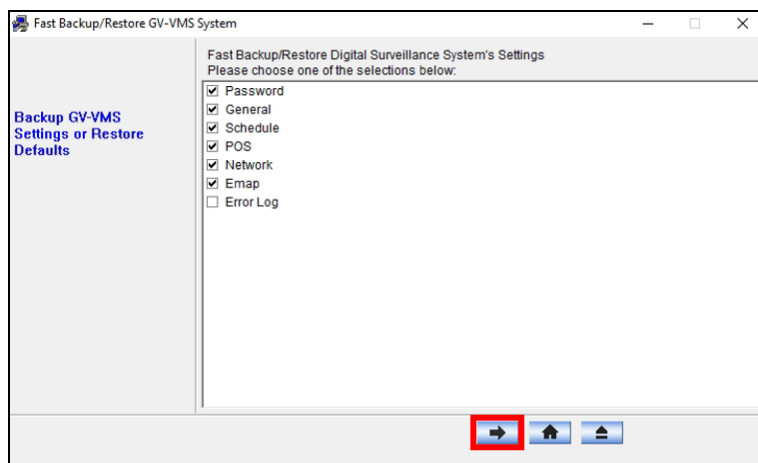
1. You must use **GV-FBR V18.4A** to restore V17 / V18 settings in V20, instead of using the GV-FBR version installed with GV-VMS (referred to as *the default GV-FBR* below).
 - The default GV-FBR, which is in the GV-VMS folder in the Start Menu, is for backing up settings in GV-VMS V17 / V18 and restoring them in GV-VMS V17 / V18.
 - GV-FBR V18.4A, which is in the FBR folder in the Start Menu, is for the sole purpose of backing up settings in GV-VMS V17 / V18 and restoring them in GV-VMS V20.
 2. GV-FBR V18.4A cannot be used for backing up settings in GV-VMS V20 and restoring them in GV-VMS V17 / V18.
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2. Go to **Windows Start > All apps > FBR folder > Fast Backup and Restore Main System**. This window appears.



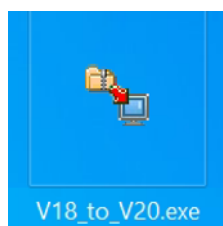




3. Click **Backup GV-VMS Settings or Restore Defaults**, enter your GV-VMS login credentials, and select **Backup Current System**.
4. Select the items you want to back up.

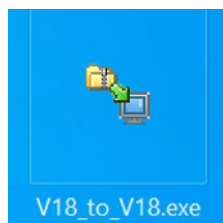


5. To back up your system settings, click the **Next Step** button , and then choose a name and location for the file.

The system settings are backed up.






Note: Backup files created with GV-FBR V18.4A (used for restoring in GV-VMS V20) have a red arrow  on the icon. In contrast, those backed up with the default GV-FBR have a green arrow  in the icon, as shown below.

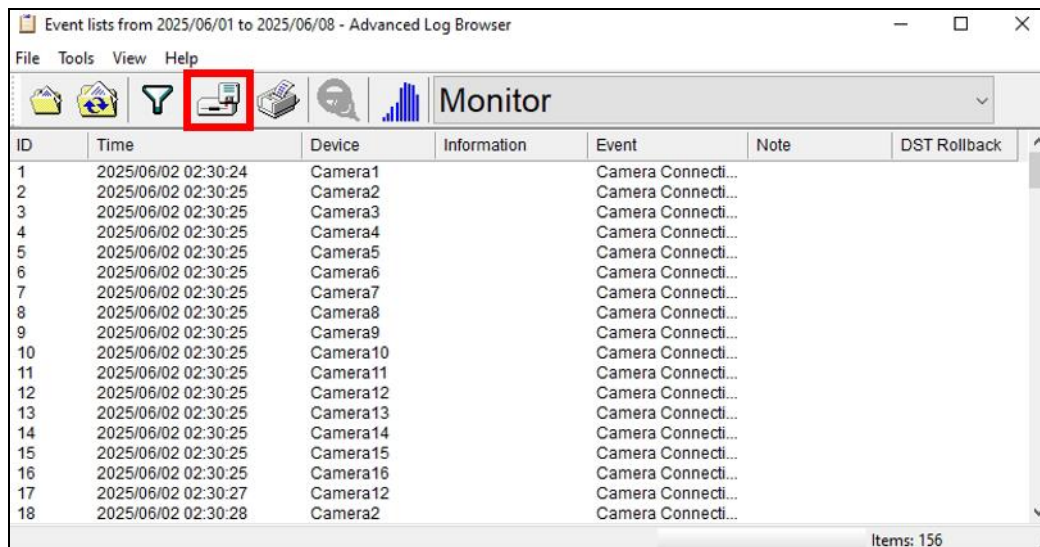




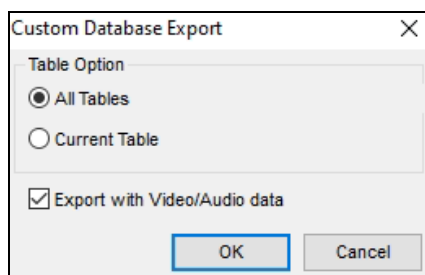
1.2 Backing Up Logs

Using the Advanced System Log, you can back up all log data or filtered data based on criteria.

1. In GV-VMS V17 / V18, click **Viewlog**  > **Toolbar**  > **Tools**  > **Advanced System Log**. The Open Database dialog box appears.
2. Specify a time range and click **OK**. Events recorded during the specified time range are displayed on the Advanced Log Browser window.



3. Click **Backup** on the toolbar. The Customer Database Export dialog box appears.



4. Select **All Tables** to back up all logs, or select **Current Table** to back up the current log table opened.
5. Optionally disable **Export with Video/Audio data**.
6. Click **OK**. The Backup dialog box appears.
7. In the Media section, select the method and destination to back up the log files, and click **OK** to back up.

The log files are backed up.

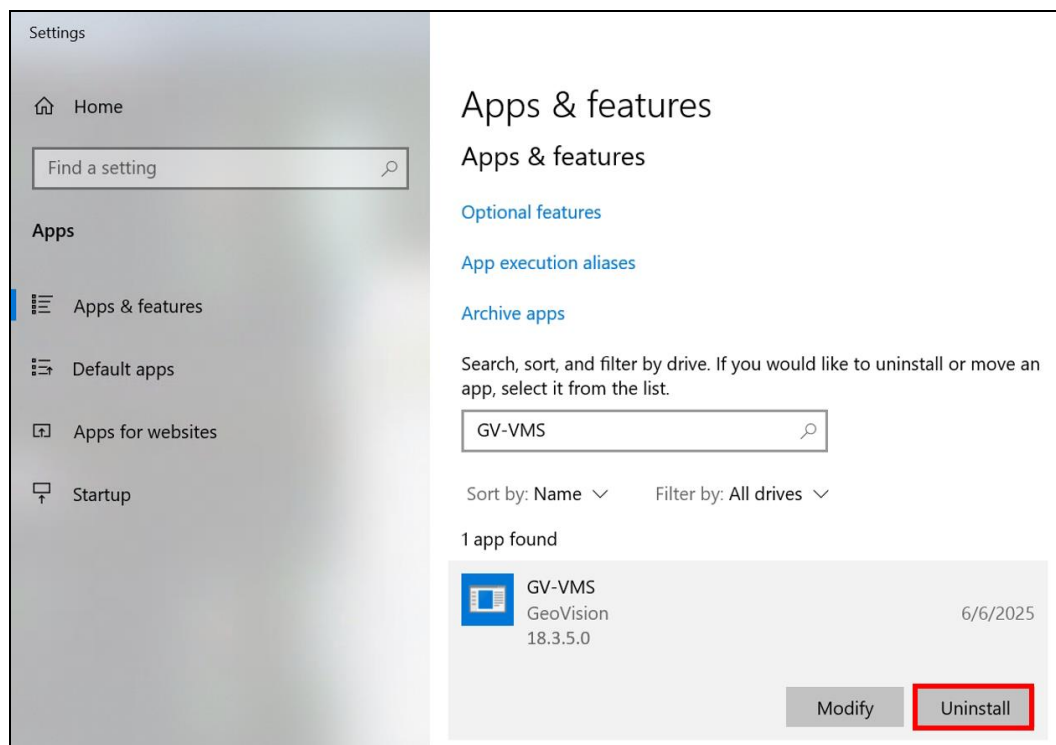


2. Upgrading GV-VMS to the Latest Version

2.1 Uninstalling GV-VMS V17 / V18

GV-VMS V17 / V18 must be uninstalled before the installation of GV-VMS V20.

1. Right-click on the **Windows Start** button, and select **Apps and Features**.
2. In the list of currently installed apps, select **GV-VMS**, and click **Uninstall**.



3. When you are prompted to confirm the removal of the application and all of its features, click **Yes**.






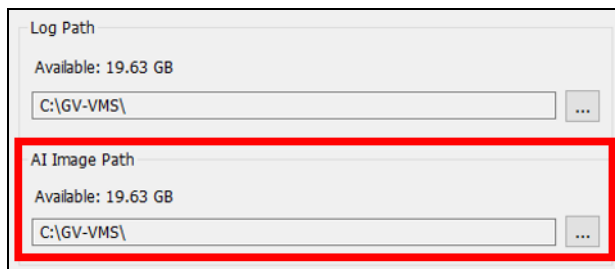
The uninstallation process of GV-VMS V17 / V18 is complete.



2.2 Manually Deleting AI Event Images

AI event images from GV-VMS V17 / V18 must be manually deleted after the uninstallation of GV-VMS V17 / V18, as they cannot be restored in GV-VMS V20.

1. Check the AI Image Path configured in **GV-VMS V18 > Viewlog**  **> Toolbar**  **> Configure**  **> System Log Settings.**




2. Go to the above AI Image Path and manually delete the AI event images.

The AI event images are deleted.

2.3 Installing GV-VMS V20

Install the latest version of GV-VMS.

1. Download GV-VMS V20 by selecting **Primary Applications** from the dropdown list and clicking the **Download** icon  next to **GV-VMS V20** on the [GeoVision Website](https://www.geovision.com).
2. Run the **Installer** (Setup.exe) from the unzipped folder.

The installation process of GV-VMS V20 is complete.

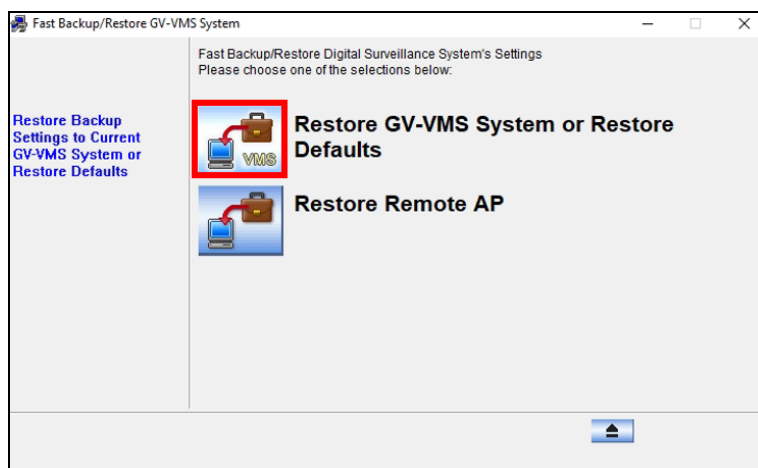



3. Restoring V17 / V18 System Settings and Logs

3.1 Restoring System Settings

Using GV-FBR, you can restore system settings.

1. Open the backup file (.exe) you previously stored in *1.1 Backing Up System Settings*. This window appears.



2. Click **Restore GV-VMS Settings or Restore Defaults**, enter your GV-VMS login credentials, and select **Restore Backup Settings**.
3. Select which backup settings you want to restore.
4. Click the **Next Step** button  to start restoring.

When the restoration is complete, the “Successfully Restore GV-VMS System Settings” message appears.

3.2 Restoring Logs

To open the logs, follow the steps below.

1. Open the backup folder you specified in *1.2 Backing Up Logs*.
2. Run **EZSysLog.exe** from the backup folder.
3. Select a time range and click **OK**.

Events recorded during the selected time range are displayed on the Advanced Log Browser window.