



Impact

Vision Program Files

Backup and Restore

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Introduction

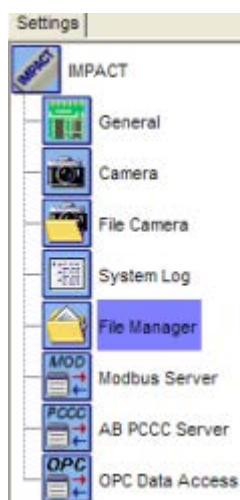
This document describes how to use the File Manager in Impact Vision Program Manager (VPM) or Settings to backup and restore vision program files to and from PC and network drives and Datalogic machine vision devices. Vision program files have a .vp extension.

VPM and Settings File Manager

NOTE: Access to these functions may be limited based on a user's access level.

To access the File Manager

1. Start VPM or Settings.
2. Connect to the desired machine vision device.
3. Click on the Settings tab.
4. Select the File Manager icon.



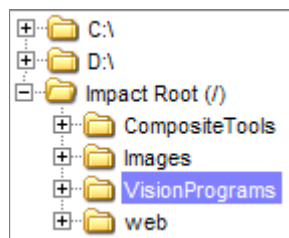
File Manager Display

When you select the File Manager icon, the File Manager window is displayed on the right side of the screen.



Folder List

The left pane of the File Manager window shows the folders that are present on the client computer and the vision device.



The Impact folders contain the following:

- **Impact Root:** Impact operating system and firmware files. These files are write-protected and cannot be modified or deleted.
- **Composite Tools:** Impact composite tools.
- **Images:** Images that are stored on the vision device.
- **VisionPrograms:** Impact and user-created vision programs files (.vp files).
- **Web:** User or Impact defined files that can be accessed with a web browser.

File List

The right pane of the File Manager window shows information about the files in the folder that is selected in the Folder List. Click on the respective header to sort the files by name, size, or date modified. The small arrow on the header indicates the sort order. Not all headers will be displayed for all folders.

File Name ▲	Program Name	Size	Modified	Load/Unload	Load On Startup
Logo Inspect.vp	Inspection	615 KB	11/05/2010 05:46 PM	☐	☐
1D 2D Codes v01.vp	Inspection	33 KB	01/11/2010 07:09 PM	☐	☐
Bulb v04.vp	Bulb Inspection	336 KB	01/20/2010 04:43 PM	☐	☐
Color v01.vp	Inspection	61 KB	01/11/2010 07:09 PM	☐	☐
Measurement v01.vp	Inspection	325 KB	01/11/2010 07:09 PM	☐	☐
OCR v01.vp	Inspection	81 KB	01/11/2010 07:09 PM	☐	☐

- **File Name:** The name of the file. Vision program files have a .vp extension. Each vision program file must have a unique name.
- **Program Name:** (This column is displayed only when the VisionPrograms folder is selected.) Shows the name of the vision program within the vision program file. Vision Programs are created using VPM. Multiple vision programs can have the same name.
- **Size, Modified:** Shows the file size and the date and time the file was last modified.
- **Load/Unload:** (This column is displayed only when the VisionPrograms folder is selected.) When this box is checked, the indicated vision program is immediately loaded in the vision device. When the box is unchecked, the file is unloaded. Loaded programs can be edited using VPM and will be queued to run when triggered and the vision device is online.
- **Load On Startup:** (This column is displayed only when the VisionPrograms folder is selected.) When this box is checked, the indicated vision program is loaded into the vision device when it restarts (when power cycles or after reboot). When the box is unchecked, the file is not loaded. Loaded programs can be edited using VPM and will run when triggered and the vision device is online.

File Manager Buttons

- **Refresh:** Click to refresh the list of files.
- **Select All:** Click to select all the files listed.

Cut, Copy and Paste

NOTE: You can also click and drag files between folders. See the following section named Click and Drag.

Use the buttons in the Main menu to perform the indicated operation. To select a file from the list, click on the file name in the list. To select multiple files, hold down the Ctrl key and click on each desired file. To select a range of files, click on the first desired file in the list, then hold down the Shift key while you click on the final file in the list.

- **Cut:** Use this button to move the selected files from the selected folder to another folder.
- **Copy:** Use this button to copy the selected files from the selected folder.
- **Paste:** Use this button to paste the selected files into the selected folder. If a file that is pasted into the VisionPrograms folder is already loaded on the device, the new file is automatically loaded. If you try to delete a read-only file, a confirmation dialog is displayed.

Click and Drag

NOTE: You cannot use click and drag to move files between device folders. You must use Cut and Paste. See the previous section.

You can click and drag files to copy them to or from a folder on the PC and network drives to or from a folder on the device.

Backup vision program files

To backup vision program files from the vision device to the PC and network drives:

1. In VPM or Settings, connect to the desired vision device.
2. Click on the Settings tab
3. Click the File Manager icon.
4. Click the plus sign to the left of the Impact Root folder to open it.
5. Click the file to be saved to select it.
6. Click the Copy button (or click and drag the file to the destination folder).
7. Select the destination folder on the PC or network where the file is to be saved.
8. Click the Paste button.
9. The file will be pasted into the PC or network folder.

Restore vision program files

To restore vision program files from the PC and network drives to the vision device:

1. In VPM or Settings, connect to the desired vision device.
2. Click on the Settings tab.
3. Click the File Manager icon.
4. Open the folder on the PC or network drive that contains the file to be restored.
5. Click the plus sign to the left of the Impact Root folder to open it.
6. Click the file to be restored to select it.
7. Click the Copy button (or click and drag the file to the VisionPrograms folder).
8. Click the VisionPrograms folder.
9. Click the Paste button.
10. The file will be pasted into the VisionPrograms folder.
11. If you want the file to be immediately loaded on the device, click the Load/Unload checkbox.