Fluent Multi-View
Graphics Card Installation Guide

Create Compelling Live Video

* This image may not represent your actual graphics card and is purely for illustration purposes
This document will guide you through the process of removing and installing a graphics card for the Broadcast Pix Fluent Multi-View. The process is identical for installing a replacement dual-headed monitor card or for installing the quad-headed monitor card, option # 340. To configure a Multi-View layout, please refer to the Broadcast Pix Operators Manual.

The following will describe how to remove the current graphics card and drivers and how to install new ones.

Depending on the graphics card model number, the corresponding driver must be installed for proper operation. A list of the latest graphics card drivers is available on the Broadcast Pix Support website.


**Tools Required**
1 Philips head screwdriver
1 Flat head screwdriver
1 pair of wire cutters
3 Wire ties
1. Turn on the Broadcast Pix workstation. Once the desktop is visible navigate to the Start Menu and select the Control Panel link.

2. In Control Panel window, double click the Add or Remove Programs button, as shown below.
3. In Add or Remove Programs window, select the current graphic driver (ATI or Nvidia) and click on the Change/Remove button, as shown below.

![Add or Remove Programs window](image)

Note: Be sure to remove all files related to the current graphics card. For example you may have some ATI Catalyst Control Panel files that also need to be removed.

4. Follow the onscreen menu instructions for removing your specific drivers. Because this process can vary between different cards it is not shown in this guide.

5. Once the drivers have been removed, **shut down** your system and proceed to the next section for physically removing the old graphics card.
1. With the workstation powered off, **unplug** the power cord connected to the back of the workstation.

2. **Remove** any VGA/DVI cables connected to the graphics card.

3. **Remove** the top cover from your workstation. Loosen the top cover hold down screw located behind the front door on your system, with a Philips screwdriver. Once loosened, slide the cover towards the back of the workstation and remove it.
4. With a flat head screwdriver, **remove** the screw for the board hold-down bar. With a pair of wire cutters **cut** the wire ties attached to the hold-down bar.

5. **Lift** and remove the hold-down bar
6. If a DVI I/O card is installed in the workstation, the ribbon cables connected to the HD I/O card(s) may also need to be removed. Simply pull the cables from the connectors on the daughter card and move them aside. Be sure to make note of which cables were on which connector.
7. Locate the graphics card in the 6th PCI slot from the left hand side, if standing in front of the unit. With a Philips screwdriver, remove the hold-down screw on the graphics card.

![Image of graphics card with screw highlighted]

8. Release the tab at the rear of the graphics card by pushing it to the left and remove the card by lifting the card out of the slot, as shown below.

![Image of graphics card being removed from slot]
Once the old card is removed, simply reverse the steps for installing the new graphics card, as described above.

1. Insert the new graphics card into the 6th PCI slot, being sure it is seated properly.

2. Replace the graphics card hold down screw.

3. Replace the board hold-down bar and secure it with the screw.

4. Reattach the audio cable with new wire ties to the hold-down bar. In addition, reattach the DVI ribbon cables, if any were previously removed.

5. Replace the system top cover and tighten the cover screw located behind the front door of the system.

6. Reattached the power cord to the workstation and any DVI/VGA cables to the graphics card and power on the system.

7. Once the desktop appears, install the graphics card driver that you downloaded from the Broadcast Pix Support website and follow the onscreen instruction. Because this process can vary between different cards it is not shown in this guide.

9. Once the drivers are installed restart the system. Once the desktop appears, it may be necessary to reset your screen resolution for proper viewing.
1. **Right-click** on the desktop, in the pop-up menu select the **Properties** option.

2. In the Display Properties window select the **Settings** tab. Now move the Screen Resolution slider to your desired screen resolution, ensuring that the aspect ratio of the monitor matches the aspect ratio of the selected resolution. Click on the **OK** button to save and apply the changes.
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