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March 5, 2008

ATI Catalyst™ Software Suite Version 8.3

This release note provides information on the latest posting of AMD's industry leading software suite, Catalyst™. This particular software suite updates both the AMD Display Driver, and the Catalyst™ Control Center. This unified driver has been further enhanced to provide the highest level of power, performance, and reliability. The AMD Catalyst™ software suite is the ultimate in performance and stability.

This release note provides information on the following:

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Web Content

The Catalyst™ software suite 8.3 contains the following:

- Radeon™ display driver 8.471
- Multimedia Center™ 9.16 (Windows XP only)
- HydraVision™ (Windows XP only)
- HydraVision™ Basic Edition (Windows XP only)
- Remote Wonder 3.04 (Windows XP only)
- WDM Driver Install Bundle
- Southbridge/IXP Driver
- Catalyst™ Control Center Version 8.3



Caution: The Catalyst™ software driver and the Catalyst™ Control Center can be downloaded independently of each other. However, for maximum stability and performance AMD recommends that both components be updated from the same Catalyst™ release



Caution: The Catalyst™ Control Center requires that the Microsoft .NET Framework version 2.0 be installed. Without .NET version 2.0 installed, the Catalyst™ Control Center will not launch properly and the user will see an error message.



Note: These release notes provide information on the Radeon™ display driver only. For information on the ATI Multimedia Center™, HydraVision™, HydraVision Basic Edition, WDM, Remote Wonder™, or the Southbridge/IXP driver, please refer to their respective release notes found at: <https://support.ati.com/>

AMD Product Support

The Catalyst™ Vista driver for both the 32bit and 64bit versions of the Microsoft Windows Vista operating system is supported on the following ATI Radeon™ products.

AMD Desktop Product Family Support	
ATI Radeon™ HD 3800 series	ATI Radeon™ X1050 series
ATI Radeon™ HD 3600 series	ATI Radeon™ X850 series
ATI Radeon™ HD 3400 series	ATI Radeon™ X800 series
ATI Radeon™ HD 2900 series	ATI Radeon™ X700 series
ATI Radeon™ HD 2600 series	ATI Radeon™ X600 series
ATI Radeon™ HD 2400 series	ATI Radeon™ X550 series
ATI Radeon™ X1950 series	ATI Radeon™ X300 series
ATI Radeon™ X1900 series	ATI Radeon™ 9800 series
ATI Radeon™ X1800 series	ATI Radeon™ 9700 series
ATI Radeon™ X1650 series	ATI Radeon™ 9600 series
ATI Radeon™ X1600 series	ATI Radeon™ 9550 series
ATI Radeon™ X1550 series	ATI Radeon™ 9500 series
ATI Radeon™ X1300 series	

AMD Multimedia Family Product Support	
ATI All-in-Wonder™ X1900 Series	ATI Theater 600™
ATI All-in-Wonder™ X1800 Series	ATI All-in-Wonder™ X600 Series
ATI All-in-Wonder™ 2006 Edition	ATI Theater™ 550 PRO
ATI All-in-Wonder™ X800 Series	ATI All-in-Wonder™ 9800 Series
ATI Theater 650™	ATI All-in-Wonder™ 9600 Series



Note: ATI All-in-Wonder™ boards operate with AMD's Windows Vista ready display and capture drivers under the Windows Vista operating system. However, the Windows Vista Media Center application does not support TV/Capture functionality provided by the ATI All-in-Wonder™. TV/Capture functionality is qualified to function with Snapstream's BeyondTV 4.6 for Windows Vista. Other third party solutions (such as Arcsoft's Total Media 3) may support TV/Capture with the ATI All-in-Wonder™, but these applications have not been fully tested by AMD.

AMD Chipset Product Support	
ATI Radeon™ HD 3200 Series	AMD 580X Series Chipset
ATI Radeon™ HD 3100 Series	ATI Radeon™ Xpress 1150 Series
ATI Radeon™ Xpress 1250 Series	ATI Radeon™ Xpress 1100 Series
ATI Radeon™ X1250 Series	ATI Radeon™ Xpress 200 Series
ATI Radeon™ X1200 Series	AMD 690 Series Chipset

Operating systems supported

The latest version of the Catalyst™ software suite is designed to support the following Microsoft Windows platforms:

- Windows Vista (32 and 64 bit versions)
- Windows XP Professional
- Windows XP Home Edition
- Windows XP Media Center Edition
- Windows XP Professional x64 Edition



Note: When installing the Catalyst™ Vista driver for Windows Vista, the user must logged on as an Administrator or have Administrator rights in order to successfully complete the installation of the Catalyst™ Vista driver.



Caution: Once the driver installation is completed under the Vista operating system (32 and 64 bit), the driver log file may report that the ATI T200 Unified AVStream Driver failed to install. A reboot of the operating system resolves the issue.

New Features

Catalyst™ 8.3 introduces the following new features:

- CrossFireX™ (Quad) Support 3 or 4 GPUs in CrossFireX™ Mode
- Hybrid Graphics Support
- DirectX 10.1 Support
- Anti-Aliasing Enhancements

- [ATI Catalyst™ Control Center: HydraVision support for Windows Vista](#)
- [Digital Panel GPU image scaling](#)
- [Catalyst™ Control Center: Advanced Video Quality Controls](#)
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CrossFireX™ (Quad) Support 3 or 4 GPUs in CrossFireX™ Mode

This release of Catalyst™ introduces CrossFireX™ Quad support. Users with any combination of a ATI Radeon™ HD 3870, ATI Radeon™ HD 3850, and ATI Radeon™ HD 3870 X2 graphics accelerators running with 3 or 4 GPUs will be able to run in CrossFireX™ Quad mode (when used in a CrossFireX™ compatible PC). CrossFireX™ Quad will deliver significant performance improvements in a number of applications. Users can expect to see further DirectX 10 QUAD CrossFireX™ performance improvements in future Catalyst™ releases.

Users are now able to run in CrossFireX™ (Quad) mode while running in extended desktop mode on the Windows Vista desktop



Note: CrossFireX™ (Quad) is only supported under the Windows Vista operating system

Hybrid™ Graphics Support

This release of Catalyst™ introduces Hybrid™ Graphics support. Hybrid™ Graphics delivers a significant 3D performance boost for systems featuring an AMD 780G integrated graphics motherboard and an ATI Radeon™ HD 3400 series graphics accelerator.

Users can simply disable Hybrid™ Graphics to run in power saving mode (the ATI Radeon™ HD 3400 series features PowerPlay™ technology, which reduces power usage during low GPU activity). This feature provides support for up to four independent displays



Note: Hybrid™ Graphics is only supported under the Windows Vista operating system

DirectX 10.1 Support

This release of Catalyst™ introduces WHQL certified support for the DirectX 10.1 API found in Microsoft's Windows Vista Service Pack 1 update for all ATI Radeon™ HD 3000 Series products.

Anti-Aliasing Enhancements

This release of Catalyst™ introduces anti-aliasing support for all Unreal Engine 3.0 based games (running in DirectX 9 mode). Users can enable Anti-Aliasing for titles such as Gears of War and Unreal Tournament 3 by simply enabling Anti-Aliasing within the ATI Catalyst™ Control Center.

This release of Catalyst™ allows users to enable narrow tent and wide tent Anti-Aliasing custom filters while running in the CrossFire™ Super Anti-Aliasing modes, (for DirectX9 applications) providing an improved image quality experience.

ATI Catalyst™ Control Center: HydraVision support for Windows Vista

This release of Catalyst™ introduces HydraVision support for the ATI Catalyst™ Control Center under Windows Vista. HydraVision enables users to more efficiently organize multiple applications across single or multiple displays. High-lights include:

- HydraGrid - A new feature found in HydraVision that divides the Windows Vista desktop into user definable areas helping users to more easily move and organize multiple applications
- Hydravision Hotkeys - The ATI Catalyst™ Control Center Hotkey Manager can be used to quickly setup and define their HydraVision specific hotkey commands
- HydraVision Virtual desktops - Users can configure up to 9 virtual desktops, enabling users to manage and group multiple applications across user defined desktops. Application positions, desktop associations and display settings can be saved for every virtual desktop
- HydraVision Wizard - Using the ATI Catalyst™ Control Center Wizard, users can very quickly configure their HyrdaVision settings

Digital Panel GPU image scaling

This release of Catalyst™ introduces a new setting that allows users to enable GPU accelerated scaling for Wide aspect LCD displays. The new setting Maintain aspect ratio improves the display resolution image quality when scaling is enable by maintaining the wide panel aspect ratio (stops the image from looking distorted)

Catalyst™ Control Center: Advanced Video Quality Controls

This release of Catalyst™ introduces new advanced video quality controls which include:

- Edge enhancement, which adjusts the level of sharpness of video content
- De-noise, which removes ghosting artifacts while preserving details of the original video



Note: To turn off De-noise, you must drag the De-noise slider completely to the left (with a value of 0), followed by placing a check mark in the Enable check-box.

The new slider controls can be found in the All Settings page of the Avivo Video tab found in the Catalyst™ Control Center.



Note: This feature is only available under the Windows Vista operating system.

ATI Catalyst™ driver: Tessellation support

This release of Catalyst™ introduces Tessellation support in the Catalyst™ driver for the ATI Radeon™ HD 3800 Series of products. Tessellation has the potential to simplify development efforts and improve application performance by creating high polygon models from low polygon models all within the GPU.



Note: Applications must also be designed to take advantage of this feature.

Performance Improvements

The following performance gains are noticed with this release of Catalyst™.

- Call of Juarez: Up to 20% improvement is noticed on ATI CrossFireX™ configured systems containing an ATI Radeon™ HD38x0 series of product
- Company of Heroes DX10: Up to 17% improvement is noticed, especially at lower resolutions, on ATI Radeon™ HD38x0 products
- Crysis DX10: Up to 15% improvement is noticed on all supported ATI Radeon™ products
- Lost Planet DX9: Up to 36% improvement is noticed across all supported ATI Radeon™ products and in ATI CrossFireX™ configured systems
- Shadermark 2.1: Performance scores increased up to 35% across all supported Radeon™ products and in ATI CrossFireX™ configured systems
- Unreal Tournament 2004: Up to 10% increase in performance is noticed on systems containing an ATI Radeon™ HD2400, HD2600, or HD3400 series of products on in ATI CrossFireX™ configured systems

ATI's Folding@Home

Folding@Home is a distributed computing project designed by the Stanford University. The application performs intensive simulations of protein folding. This simulation will help researchers uncover how certain diseases develop. Folding@Home uses distributed computing to simulate protein folding, the workload is broken up into small work units and distributed across hundreds of thousands of computers over the internet. You can help find the cure to many different diseases! To join Folding@Home, follow these steps:

1. Download ATI's Catalyst™ software suite
2. Download the Folding@Home GPU client application



Note: If you have an ATI Radeon™ X1600, X1800, or X1900 series of product, download the GPU client (either console or GUI version) not to be confused with the CPU "Graphical client". If you do not have an ATI Radeon™ product listed above, then download the CPU client.

3. Enter the ATI team number 51394 and start folding!

For more information on Folding@Home visit: <http://ati.amd.com/technology/streamcomputing/folding.html>

Resolved Issues for the Windows Vista Operating System

This section provides information on resolved issues in this release of the ATI Catalyst™ Software Suite for Windows Vista. These include:

- **Elder Scrolls IV: Oblivion:** Playing the game on a system running Windows Vista with default game settings no longer results in the gadget sidebar bleeding through. Further details can be found in topic number 737-32545
- **Enemy Territory: Quake Wars:** Playing the game under Windows Vista (64 bit version) no longer results in corruption being noticed when loading multiple maps. Further details can be found in topic number 737-32544
- **Enemy Territory: Quake Wars:** The game no longer fails with an error pointing to atioglxx.dll when exiting the game. Further details can be found in topic number 737-32540
- **Enemy Territory: Quake Wars:** Corruption is no longer noticed when editing levels. Further details can be found in topic number 737-32532
- **Guitar Hero 3:** Poor performance is no longer noticed when playing the game on a system containing an ATI Radeon™ HD 2900 series of product and running the Windows Vista operating system. Further details can be found in topic number 737-32539
- **Halo 2:** Enabling AA in the Catalyst™ Control Center no longer results in the Halo 2 logo flickering when loading or quitting a campaign. Further details can be found in topic number 737-32541
- **Halo2:** Starting a new campaign with the default Catalyst™ Control Center setting and the default game settings no longer results in texture corruption being noticed when playing the game under Windows Vista with an ATI Radeon™ HD 2100 series of product installed. Further details can be found in topic number 737-32655
- **Oblivion:** Flickering is no longer noticed when first making a move if the in-game settings are set to maximum, CrossFire™ is enabled and AF is set to 16x. Further details can be found in topic number 737-31581
- **Resident Evil 4:** Minor flickering is no longer noticed when playing the game on a system running Windows Vista along with CrossFire™ being enabled. Further details can be found in topic number 737-32536
- **Splinter Cell Double Agent:** Multicolored rectangles are no longer noticed when UBM is enabled on systems containing an ATI Radeon™ HD 34x0 series of product. Further details can be found in topic number 737-32526
- **World of Conflict:** Text corruption is no longer noticed when playing the game under Windows Vista with CrossFire™ enabled. Further details can be found in topic number 737-32537
- **World of Warcraft:** Flickering and missing objects are no longer noticed when playing the game in OpenGL mode. Further details can be found in topic number 737-32538
- Installing the WDM driver on systems containing an ATI TV Tuner product and an ATI graphics adapter no longer results in the WDM driver failing to install. Further details can be found in topic number 737-30571
- Resuming from hibernation mode with HDMI display connected no longer results in a black screen with only a mouse cursor being displayed. Further details can be found in topic number 737-31149
- The OverDrive™ page is no longer grayed out and the GPU and memory clocks are no longer displayed as 000 after enabling CrossFire™ on systems containing and ATI Radeon™ X1900 CrossFire™ Edition and running Windows Vista (64 bit version). Further details can be found in topic number 737-31586

- Hot-plugging an HDMI display device no longer results in the display device failing to be detected on systems containing an ATI Radeon™ HD 2400 series of product and running Windows Vista. Further details can be found in topic number 737-31583
- Enabling extended desktop mode and setting the display resolution to 1280x800 or higher, followed by playing an HD-DVD using PowerDVD, no longer results in the HD-DVD title failing to play. Further details can be found in topic number 737-31584
- Dragging player window to secondary display while playing back HD content and moving it back to primary no longer results in blank player window. Further details can be found in topic number 737-31585
- The OverDrive™ page may be grayed out and the GPU and memory clocks as may be displayed as 000 after enabling CrossFire™ on systems containing and ATI Radeon™ X1900 CrossFire™ Edition and running Windows Vista (64 bit version). Further details can be found in topic number 737-31586
- The color temperature control settings no longer defaults to 4000K (yellow tint) when monitor unplugged during driver silent installation. Further details can be found in topic number 737-32527
- A Reduce DVI frequency on high-resolution displays option no longer appears when an HDMI display device is connected using an HDMI-DVI cable. Further details can be found in topic number 737-32528
- Playing DVD content using the Windows Media Player no longer results in the playback being choppy. Further details can be found in topic number 737-32529
- Hot plugging and hot-unplugging an HDMI display device multiple times during one windows session no longer results in the display device failing to be detected. Further details can be found in topic number 737-32530
- Enabling clone mode on a system containing an ATI Radeon™ X1200/1250/1270 series of product no longer results in the resolution and color depth changing to 640x480 8bpp. Further details can be found in topic number 737-32531
- An error message is no longer displayed when attempting to set both the primary (HDMI) display device and secondary (DVI) display device to a display resolution of 1280x1024. Further details can be found in topic number 737-32533
- The secondary display device no longer fails to resume from sleep mode. Further details can be found in topic number 737-32534
- Setting the display resolution to 1920x1200, followed by playing a DVD title no longer results in playback of the DVD appearing jittery. Further details can be found in topic number 737-32535
- Corruption is no longer noticed at the beginning of a DVD title or when resizing the media player window. Further details can be found in topic number 737-32540
- Connecting a CRT and an HDMI display device followed by enabling clone mode and setting the resolution to 1024x768 32bpp 60Hz. no longer results in corruption being noticed on the secondary display device when resuming from suspend mode. Further details can be found in topic number 737-32656
- Connecting a DFP display device to a system running Windows Vista (32 or 64 bit versions) no longer results in the display modes of 1024x768, 800x600, and 640x480 being missing in the Catalyst™ Control Center. Further details can be found in topic number 737-32542
- Connecting multiple display devices no longer results in the primary, secondary and other monitors swapping positions within the Catalyst™ Control Center. Further details can be found in topic number 737-32543

- The Windows Vista operating system no longer fails to resume from suspend mode when the HDMI display device is set to 1024x768 60Hz on systems containing an ATI Radeon™ HD 2400 series of product. Further details can be found in topic number 737-32549
- Configuring a system with two ATI Radeon™ HD 3870s or two ATI Radeon™ HD 3850s no longer results in the CrossFire being enabled even after one display device is disabled yet still connected to the system. Further details can be found in topic number 737-32547
- Enabling extended desktop mode, followed by enabling Overlay Theater Mode no longer results in Overlay Theater Mode failing on the secondary display device. Further details can be found in topic number 737-32546

Resolved Issues for the Windows XP Operating System

This section provides information on resolved issues in this release of the ATI Catalyst™ Software Suite for Windows XP. These include:

- **Call of Duty:** Enabling AA in the Catalyst™ Control Center no longer results in corruption being noticed. Further details can be found in topic number 737-32582
- **Call of Juarez:** Intermittent flashing textures are no longer noticed when playing the game with CrossFire™ enabled on systems containing an ATI Radeon™ HD 38x0 series of product. Further details can be found in topic number 737-32579
- **Call of Juarez:** Setting the game level with Optimal Quality and high in-game settings no longer results in the game level being blank. Further details can be found in topic number 737-30591
- **DaTang:** Texture errors are no longer noticed when attempting to select a character or in the game map. Further details can be found in topic number 737-32575
- **Ghost Recon Advanced Warfighter:** Enabling CrossFire™ and attempting to run either application no longer results in the applications exiting to the Windows XP desktop. Further details can be found in topic number 737-32583
- **STALKER:** Shadows are now being rendered properly when CrossFire™ is enabled along with AA being enabled at 4x and Full Dynamic Lighting also being enabled. Further details can be found in topic number 737-31597
- **TianXia2:** Launching the game on a system containing an ATI Radeon™ HD 36x0/38x0 series of product no longer results in the Windows XP operating system rebooting. Further details can be found in topic number 737-32578
- **World of Warcraft:** Connecting an Apple 30" display device to a system containing an ATI Radeon™ HD 26x0 series of product and running Windows XP no longer results in poor performance and intermittent flashing display. Further details can be found in topic number 737-32576
- **World of Warcraft:** Playing the game in a windowed mode under Windows XP no longer results in the game failing to respond when attempting to go full screen. Further details can be found in topic number 737-32586
- **World of Warcraft:** Poor performance and flashing on screen are no longer noticed. Further details can be found in topic number 737-32584
- After installing the graphics driver an error message is no longer displayed when attempting to launch DirectX based games when using an ATI AGP product. Further details can be found in topic number [737-31625](#)
- Setting the desktop resolution to 1280x1024 and using PowerDVD to play an HD-DVD or Blu-ray title no longer results in corruption being noticed when

using an ATI Radeon™ HD 2400 series of product. Further details can be found in topic number 737-31171

- On certain products, changing display resolution while playing back High Definition content no longer results in instability. It is recommended to set appropriate resolution while playback is stopped. Further details can be found in topic number 737-31172
- Cyberlink: Playing a DVD title on a system containing an ATI Radeon™ HD 2400 series no longer results in corruption being noticed. Further details can be found in topic number 737-31173
- Disabling the blackmambo driver or unplugging the power source no longer results in the Vista operating system failing. Further details can be found in topic number 737-32551
- The antenna signal strength is no longer reported by Vista Media Center as low. Further details can be found in topic number 737-32552
- The Windows XP Professional x64 Edition operating system no longer reboots when installing the T200 driver. Further details can be found in topic number 737-32553
- Setting the DPI to 120 in the Display Properties no longer results in the combo box being cut-off. Further details can be found in topic number 737-31566
- .NET Framework an Unhandled Exception error no longer occurs when upon booting or re-booting the system. Further details can be found in topic number 737-32554
- The information provided in the 3D Help for preview changes no longer provides the incorrect information on where the current settings and new settings are displayed when using the Windows Vista operating system. Further details can be found in topic number 737-32657
- The Catalyst™ Control Center aspects are no longer missing for the secondary extended display when hot unplugging and hot plugging the display device. Further details can be found in topic number 737-32555
- Native CrossFire™ can now be enabled when the primary display device is connected to the master card using a CV or TV. Further details can be found in topic number 737-32556
- Running the Spanish version of the Windows operating system no longer results in the Catalyst™ Control Center option failing to be available when right-clicking the Windows desktop menu bar. Further details can be found in topic number 737-32557
- The lower portion of the Catalyst™ Control Center is no longer cropped when changing the display resolution from 640x480 to 1920x1200. Further details can be found in topic number 737-32559
- The display resolution of 3840x2400 13Hz is now available on system running Windows Vista and having a display device connected that can support this resolution. Further details can be found in topic number 737-32560
- The help files for both Component Video and Avivo have been updated to reflect supported products for these options. Further details can be found in topic number 737-32561
- The video preview in the Catalyst™ Control Center->Avivo Video->Basic Quality no longer disappears when toggling between different option within the Catalyst™ Control Center. Further details can be found in topic number 737-32563
- Catalyst™ Control Center->Display options->Force TV detection: The text is no longer cropped at 144dpi settings. Further details can be found in topic number 737-32566
- The advanced color slider values are now changing when clicking the Up/Down spin buttons in the Catalyst™ Control Center->Avivo2. Further details can be

found in topic number 737-32569

- Catalyst™ Control Center: Setting the skin to either Crimson or Classic no longer results in OverDrive option failing to display a clear image. Further details can be found in topic number 737-32572
- Enabling CrossFire™ followed by hot-unplugging a display device and then hot plugging the display device back in no longer results in the CrossFire™ option in the Catalyst™ Control Center being greyed out. Further details can be found in topic number 737-32573
- The video output window size is now set correctly. Further details can be found in topic number 737-32574
- Setting the display resolution to 1920x1200 or 1920x1080 on a system running Windows XP and containing an ATI Radeon™ HD 3100/3200 series of products, followed by enabling clone mode or extended desktop mode no longer results in horizontal line corruption being noticed when playing an SD DVD. Further details can be found in topic number 737-32658
- Connecting a TV as the primary display device on a system containing either an ATI Radeon™ HD 2400 or 34x0 series of product no longer results in the TV displaying green flashes during the welcome screen. Further details can be found in topic number 737-32577
- Connecting both a CRT and DFP display device to a system running Windows XP and enabling CrossFire™ no longer results in the DFP display device failing to display an image. Further details can be found in topic number 737-32581
- Catalyst™ Control Center-->3D-->All settings-->Setting the slider to Quality no longer results in the Wait for vertical refresh failing. Further details can be found in topic number 737-32587

Resolved Issues for the Windows XP Professional x64 Edition

This section provides information on resolved issues in this release of the ATI Catalyst™ Software Suite for Windows XP Professional x64 Edition. These include:

- **Doom3:** Running an OpenGL application with CrossFire™ enabled and AA set to 16x no longer results in corruption being noticed when the display resolution is set to 2048x1536 or higher. Further details can be found in topic number 737-32591
- **World in Conflict:** Text corruption is no longer noticed when playing the game on a system running Windows XP Professional x64 Edition and containing an ATI Radeon™ HD 30 series of product. Further details can be found in topic number 737-31619
- Hot plugging a display device to a system running Windows XP Professional x64 Edition and containing an ATI Radeon™ X1250/1270 series of product no longer results in the display device failing to be detected. Further details can be found in topic number 737-31618
- Standard PAL mode no longer fails to be available in the Catalyst™ Control Center. Further details can be found in topic number 737-31620
- Standard PAL mode no longer fail to be available in the Catalyst™ Control Center. Further details can be found in topic number 737-32588
- Hot plugging a display device to a system running Windows XP Professional x64 Edition and containing an ATI Radeon™ X1250/1270 series of product no longer results in the display device failing to be detected. Further details can be found in topic number 737-32589

Known Issues Under the Windows Vista Operating System

This section provides information on known issues associated with the ATI Catalyst™. These include:

- **Company of Heroes:** Setting the in-game options to maximum levels may result in the game exiting to the desktop after the game has completed loading. Further details can be found in topic number 737-32600
- **Crysis:** Momentary corruption may be noticed in the body of water when a soldier pierces through the clouds. Further details can be found in topic number 737-32599
- **Doom 3:** Setting the in game options to Ultra Quality and the screen size to 1600x1200 may result in the image next to the text failing to be rendered. Further details can be found in topic number 737-32603
- **Hellgate: London:** Flickering may be noticed when quitting and then relaunching the game when the in-game setting are set to their maximum levels. Further details can be found in topic number 737-32604
- **Lost Planet:** Setting AA to either 4x or 8x may result in the game failing to respond. Further details can be found in topic number 737-28492
- **Tabula Rasa:** Setting the graphics option to enable Deferred Lighting and Dynamic Shadows may result in corruption being displayed. Further details can be found in topic number 737-32597
- **Tomb Raider Anniversary:** Performance improvement may not be noticed when playing the game with CrossFire™ enabled. Further details can be found in topic number 737-32598
- **Unreal Tournament 3:** The game may intermittently fail to launch when a map has texture detail set to maximum. Further details can be found in topic number 737-31189
- Rebooting the operating system after changing the skin to any available option other than system skin may result in the Catalyst™ Control Center menu options no longer being visible. Further details can be found in topic number 737-30569
- The Catalyst™ Control Center menu option may fail to function when changing the skin from system skin to any other available skin. Further details can be found in topic number 737-30570
- Connecting a secondary display device using the HDMI connector and enabling either clone mode or extended desktop mode may result in the WinDVD 7 player playing in a windowed mode on both display devices when Overlay Theater Mode is enabled. Further details can be found in topic number 737-30579
- The Windows Vista operating system may fail to respond when running the Auto-tune utility found in the Catalyst™ Control Center OverDrive™ option. Further details can be found in topic number 737-30584
- Using the hot-key function to switch between various display scenarios may result in the HDMI display device displaying a blank screen. Further details can be found in topic number 737-31145
- The secondary HDMI Display may turn off when resuming from an S1 hibernation with an HDMI display connected. Further details can be found in topic number 737-31146
- Setting the desktop resolution to 1600x1200 or greater may result in green pixel corruption being noticed when playing certain games. This issue maybe noticed when using a system running Windows Vista and containing an ATI Radeon™ HD 2600 or HD 2400 series of product. Further details can be found

in topic number 737-31150

- Attempting to play the HD-DVD title Harsh Times, School for Scoundrels using the Cyberlink player may result in block corruption being noticed. Further details can be found in topic number 737-31155
- Enabling CrossFire™ on a system containing an ATI Radeon™ X1900 CrossFire™ Edition product may result in the Windows Vista (64 bit version) failing. Further details can be found in topic number 737-31163
- An error message may appear when installing the display driver package through setup.exe. Further details can be found in topic number 737-31577
- Using the pound key (#) as the first character in the user name may result in an error when installing the Catalyst™ Control Center. Further details can be found in topic number 737-31578
- The OverDrive™ page may be missing in the Catalyst™ Control Center after disabling CrossFire™ support. Further details can be found in topic number 737-31579
- The color depth may change to 8 bpp when enabling or disabling CrossFire™ for the first time. Further details can be found in topic number 737-31580
- Display corruption may be noticed when enabling CrossFire™ on a system containing an ATI Radeon™ X1900/1950 series of product when the display resolution is set to 1600x1200 70Hz and running a 3D application in full screen mode. Further details can be found in topic number 737-31582
- Using the pound key (#) as the first character in the user name may result in an error when installing the Catalyst™ Control Center. Further details can be found in topic number 737-32592
- Connecting a TV as a secondary display device may result in extended desktop mode failing to become active. Further details can be found in topic number 737-32659
- Flashes of white lines may be notice when quickly moving windows around the Vista desktop. Further details can be found in topic number 737-32660
- Momentary flicker may be noticed when rotating the display device. Further details can be found in topic number 737-32661
- Hot plugging an HDMI display device to a system running Windows Vista (32 or 64 bit version) may result in the HDMI display device being detected as a DTV (DVI) device. Further details can be found in topic number 737-32593
- The signal on HDTV TV may display as 480p60 after setting the format to 576i25/576p50 in clone mode. Further details can be found in topic number 737-32662
- A warning message may fail to appear when using an inappropriate DVI-HDMI adapter. Further details can be found in topic number 737-32596
- Attempting to perform a silent install of the display driver on a system running Traditional Chinese version of Windows Vista may result in an error message being displayed and the display drivers failing to be installed. Further details can be found in topic number 737-32601
- Catalyst™ Control Center->Display Properties->Settings tab->Advanced: The adapter information may be displayed as ATI Display Adapter instead of the actual product name. Further details can be found in topic number 737-32602
- Enabling extended desktop mode followed by swapping the primary and secondary display devices may results in all running applications to be displayed on the primary display device. Further details can be found in topic number 737-32607
- Enabling or disabling CrossFire may result in the HydraGrid settings failing to be retained. This issue may also be experienced under the Windows XP and Windows XP Professional x64 Edition operating systems. Further details can be found in topic number 737-32609

- Inconsistent behavior may be noticed in the Catalyst™ Control Center when clearing the Shared application from one virtual desktop to another. This issue may also be experienced under the Windows XP and Windows XP Professional x64 Edition operating systems. Further details can be found in topic number 737-32610
- Shared applications may be removed after selecting Restore desktop when virtual desktop mode is enabled. This issue may also be experienced under the Windows XP and Windows XP Professional x64 Edition operating systems. Further details can be found in topic number 737-32611
- Exiting a full screen D3D application may result in some of the other running applications failing to retain their current HydarGrid location. This issue may also be experienced under the Windows XP and Windows XP Professional x64 Edition operating systems. Further details can be found in topic number 737-3261

Known Issues Under the Windows XP Operating System

The following section provides a summary of open issues in the latest version of Catalyst™. These include:

- **Enemy Territory:** Quake Wars may have corruption on the water and sky after increasing the game resolution. Restarting the game at that higher resolution or issuing reloadImages command in the game console corrects the corruption. This issue only impacts graphics cards up to the ATI Radeon™ X850. Further details can be found in topic number 737-29947
- **Lost Planet:** Setting AA to either 4x or 8x may intermittently result in the game failing to respond. Further details can be found in topic number 737-28492
- Connecting a CRT display device as the secondary display and playing a Blu-ray DVD using a Cyberlink player may result in no video playback if extended desktop mode is enabled. Further details can be found in topic number 737-30587
- Connecting a Dual Link Panel to the on-board DVI port, followed by hot plugging a DVI display to the add-on DVI card may result in clone mode becoming disabled when rebooting the machine and the secondary display device remaining blank. Further details can be found in topic number 737-31166
- The Catalyst™ Control Center menu option may fail to function when changing the skin from system skin to any other available skin. Further details can be found in topic number 737-30570
- Setting the display resolution to 1440x900 or lower may result in corruption being noticed when playing a DVD title. Further details can be found in topic number 737-31168
- Connecting a CRT display device as the secondary display and playing a Blu-ray DVD using a Cyberlink player may result in no video playback if extended desktop mode is enabled. Further details can be found in topic number 737-30587
- The floppy drive may fail to read or write under Vista on a Dell XPS410 system. Further details can be found in topic number 737-31148
- Setting the language option to any supported language other than English may result in the Help file for Configure and Diagnostics failing to appear. Further details can be found in topic number 737-32605
- Setting the language option to Russian for the Catalyst™ Control Center may

results in some text being cropped for the secondary display device in the display properties. Further details can be found in topic number 737-32663

- Setting the language option to German for the Catalyst™ Control Center may result in some translation errors being noticed through-out the Catalyst™ Control Center. Further details can be found in topic number 737-32664
- Setting the language option to French for the Catalyst™ Control Center may result in some translation errors being noticed through-out the Catalyst™ Control Center. Further details can be found in topic number 737-32665
- Connecting a CRT and TV and enabling either clone mode or extended desktop may result in Overlay Theater Mode failing on the secondary display device when attempting to change the TV format to D/PAL. Further details can be found in topic number 737-32606
- Intermittent flashing may be noticed in the right portion of the display when playing a 720p or 1080i media file when using the Windows Media Player v10. Further details can be found in topic number 737-32666

Known Issues Under the Windows XP Professional x64 Edition

The following section provides a summary of open issues in the latest version of Catalyst™. These include:

- Running an OpenGL application and attempting to rotate the desktop may result in corruption being noticed. Further details can be found in topic number 737-29556

For further information and general help on software driver installation, game issues, and more, visit [ATI Customer Care](#).

Installing the Catalyst™ Vista Software Driver

Installation information can be found at: ati.amd.com

AMD Customer Care

The AMD Customer Care website provides a high level of technical support and ease of navigation. The AMD Customer Care website provides accurate and up-to-date product support for optimum usability and performance. Technical issues are categorized and personalized to enhance user experience. The AMD Customer Care Website can be found at: support.ati.com

To view a known issue or find troubleshooting information, do the following:

1. Go to ati.amd.com. The AMD home page is displayed.
2. Click on Support & Drivers. The AMD Support and Drivers web page is displayed.
3. In the left hand pane, select Graphics Support.
4. In the top right corner of the Graphics Support page, enter the topic number or a general description of the issue you are experiencing within the search field.
5. In the Select Site field, select ATI.
6. Click the SEARCH symbol.
The information requested (if available) is displayed.

Catalyst™ Crew Driver Feedback

This driver release incorporates suggestions received through the Catalyst™ CREW Driver Feedback program. To provide us with your feedback, visit: [Catalyst™ Crew Driver Feedback](#).

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