Catalyst™ Software Suite Version 9.9 Release Notes

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.

For exclusive Catalyst™ updates follow Catalyst Maker on Twitter.

This release note provides information on the following:

- *Web Content*
- *AMD Product Support*
- *Operating Systems Supported*
- *Resolved Issues for All Windows Operating Systems*
- *Resolved Issues for the Windows 7 Operating System*
- *Resolved Issues for the Windows Vista Operating System*
- *Resolved Issues for the Windows XP Operating System*
- *Known Issues Under All Windows Operating Systems*
- *Known Issues Under the Windows 7 Operating System*
- *Known Issues Under the Windows Vista Operating System*
- *Known Issues Under the Windows XP Operating System*
- *Installing the Catalyst™ Vista Software Driver*
- *Catalyst™ Crew Driver Feedback*

Web Content
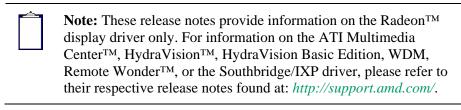
The Catalyst™ Software Suite 9.9 contains the following:

- Radeon™ display driver 8.65
- HydraVision™ for both Windows XP, Vista and Windows 7
- WDM Driver Install Bundle
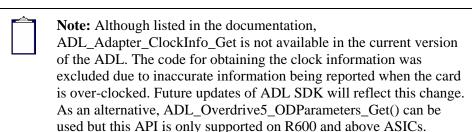- Southbridge/IXP Driver
- Catalyst™ Control Center Version 8.65

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: *http://support.amd.com/*.

Note: Although listed in the documentation, ADL_Adapter_ClockInfo_Get is not available in the current version of the ADL. The code for obtaining the clock information was excluded due to inaccurate information being reported when the card is over-clocked. Future updates of ADL SDK will reflect this change. As an alternative, ADL_Overdrive5_ODParameters_Get() can be used but this API is only supported on R600 and above ASICs.

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

AMD Desktop Product Family Support	
ATI Radeon™ HD 4890 Series	ATI Radeon™ HD 4550 Series
ATI Radeon™ HD 4870 X2 Series	ATI Radeon™ HD 4350 Series

ATI Radeon™ HD 4850 X2 Series	ATI Radeon™ HD 3800 Series
ATI Radeon™ HD 4800 Series	ATI Radeon™ HD 3600 Series
ATI Radeon™ HD 4700 Series	ATI Radeon™ HD 3400 Series
ATI Radeon™ HD 4670 Series	ATI Radeon™ HD 2900 Series
ATI Radeon™ HD 4650 Series	ATI Radeon™ HD 2600 Series
ATI Radeon™ HD 4600 Series	ATI Radeon™ HD 2400 Series

AMD Multimedia Family Product Support

AMD Multimedia Family Product Support	
ATI All-in-Wonder™ HD	ATI Theater™ 600
ATI Theater™ HD 750	ATI Theater™ 550 PRO
ATI Theater™ 650	

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 FireStream™ Product Family Support

AMD FireStream™ Product Support	
AMD FireStream™ 9270	AMD FireStream™ 9170
AMD FireStream™ 9250	

AMD Chipset Product Support

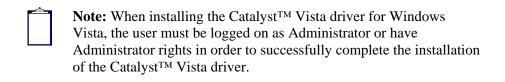| AMD Chipset Product Support	
ATI Radeon™ HD 4200 Series	ATI Radeon™ 3100 Series
ATI Radeon™ HD 3300 Series	ATI Radeon™ 3000 Series
ATI Radeon™ HD 3200 Series	

Operating Systems Supported

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

- Windows 7 32-bit version

- Windows 7 64-bit version
- Windows Vista 32-bit version
- Windows Vista 64-bit version
- 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 be logged on as Administrator or have Administrator rights in order to successfully complete the installation of the Catalyst™ Vista driver.

Resolved Issues for All Windows Operating Systems

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

- Catalyst Control Center - Basic now responds properly after exiting Quick Adjust Video Settings
- Edge enhancement and de-noise sliders in Catalyst Control Center no longer lags or appears out of sync with mouse movement
- Launching Hotkeys Manager in Catalyst Control Center no longer causes an unhandled exception error
- The "Desktop Rotation" page in Catalyst Control Center no longer shows additional information for the second display when the secondary adapter is connected
- HDMI is now detected properly as DTV (HDMI) instead of DTV (DVI) when the HDMI display is hotplugged for the first time
- Catalyst Control Center no longer displays error message when specific HDMI displays are hot unplugged and hotplugged back

Resolved Issues for the Windows 7 Operating System

This section provides information on resolved issues in this release of the ATI Catalyst™ Software Suite for Windows 7. These include:

- Intermittent failures no longer occur with MediaShow Espresso once a transcoding process has been completed

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:

- Running OpenGL applications in windowed mode on extended desktop no longer causes the secondary display to go blank for some ASICs
- Task switching between the desktop and a game in progress no longer has a visible delay (7-10 seconds)

- Enabling Screen Space Ambient Occlusion option in "Riddick 2 Dark Athena" no longer causes the game to fail under Multi-GPU configurations
- Catalyst Control Center no longer shows both HDMI displays as DVI when they are connected via HDMI port and to DVI port via HDMI-DVI dongle
- Windows Aero Glass Effects now works properly during HD Blu-ray playback

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:

- Resuming video playback after S1 sleep no longer causes HDMI audio to disappear
- Changes to AVIVO Basic color settings are now retained after Catalyst Control Center is re-opened
- AVIVO Basic color setting changes can now be applied during HD DVD playback on specific ASICs on XP Media Center Edition

Known Issues Under All Windows Operating Systems

The following section provides a summary of open issues that may be experienced under the Windows operating system in the latest version of Catalyst™. These include:

- AVIVO Basic quality video preview in Catalyst Control Center may flicker while playing SD/HD Blu-ray titles with some ASICs
- Underscan/Overscan settings for TV might not be applied properly from the Catalyst Control Center - TV Properties Adjustments page
- Display mode page might not refresh when selecting another display from drop down menu in Catalyst Control Center with two displays connected in extended mode
- "Component Video Properties" may be incorrectly listed in the "Quick Settings" tab under Catalyst Control Center - Basic view in extended mode
- Corruption may be observed during Blu-ray DVD H264/VC1 content playback on some ASICs

Known Issues Under the Windows 7 Operating System

The following section provides a summary of open issues that may be experienced under the Windows 7 operating system in the latest version of Catalyst™. These include:

- Resuming HD/SD playback after sleep may cause PowerDVD/WinDVD to display green or black video screen
- With OverlayMixer filter, Blu-ray disc playback with PowerDVD may display black video with audio and counter still running
- Display may go blank after resuming from hibernation during SD DVD playback in Media Center (MCE)
- ANNO 1404 (also known as "Dawn of Discovery") may display black texture corruption instead of surface terrain for some ASICs
- calMemCopy() may cause a system with 2 ATI Radeon HD 3870 X2s to become unresponsive

Known Issues Under the Windows Vista Operating System

The following section provides a summary of open issues that may be experienced under the Windows Vista operating system in the latest version of Catalyst™. These include:

- Resuming HD/SD playback after sleep may cause PowerDVD/WinDVD to display green or black video screen
- Severe flickering may be observed while running 3D games/samples on specific HDMI displays with Tripod and Quad CrossFire enabled configurations
- Desktop flashing may be observed after driver installation and reboot with systems configured with Radeon ASIC in the primary PCIe slot and Firestream ASIC in the secondary PCIe slot

Known Issues Under the Windows XP Operating System

The following section provides a summary of open issues that may be experienced under the Windows XP operating system in the latest version of Catalyst™. These include:

- Catalyst Control Center: Hotplugging back a HDMI display might not restore its original DTV (HDMI) Pixel Format setting if a DVI display was hotplugged and unplugged during the interval to the same port
- "Force maximum performance clocks " option may be missing for the second ASIC in the Catalyst Control Center system tray when two R700 ASICs are connected
- "Combat Mission Shock Force" may fail after a duration of game play

Installing the Catalyst™ Vista Software Driver

For further information and general help on software driver installation, game issues, and more, visit *AMD Customer Care*.

Installation information can be found at: *How to Install Your ATI Product*.

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*.