ATI Catalyst™ Software Suite Version 10.9 Release Notes

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

For exclusive ATI Catalyst™ updates follow *CatalystMaker* on Twitter.

This release note provides information on the following:

- *Web Content*
- *AMD Product Support*
- *Operating Systems Supported*
- *Catalyst™ Application Profiles*
- *Performance Improvements*
- *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*
- *Installing the ATI Catalyst™ Vista Software Driver*
- *ATI Catalyst™ Crew Driver Feedback*

Web Content
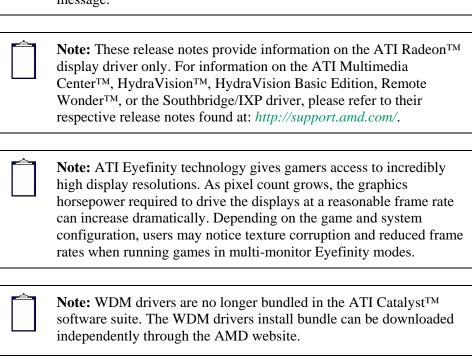
The Catalyst™ Software Suite 10.9 contains the following:

- ATI Radeon™ display driver 8.771
- HydraVision™ for both Windows XP, Vista and Windows 7
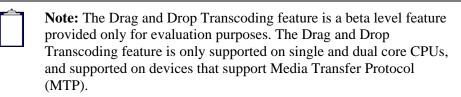- Southbridge/IXP Driver
- ATI Catalyst™ Control Center Version 8.771

Caution: The ATI Catalyst™ software driver and the ATI 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 ATI Catalyst™ release.

Caution: The ATI Catalyst™ Control Center requires that the Microsoft .NET Framework SP1 be installed for Windows XP and Vista. Without .NET SP1 installed, the ATI Catalyst™ Control Center will not launch properly and the user will see an error message.

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

Note: ATI Eyefinity technology gives gamers access to incredibly high display resolutions. As pixel count grows, the graphics horsepower required to drive the displays at a reasonable frame rate can increase dramatically. Depending on the game and system configuration, users may notice texture corruption and reduced frame rates when running games in multi-monitor Eyefinity modes.

Note: WDM drivers are no longer bundled in the ATI Catalyst™ software suite. The WDM drivers install bundle can be downloaded independently through the AMD website.

Note: The Drag and Drop Transcoding feature is a beta level feature provided only for evaluation purposes. The Drag and Drop Transcoding feature is only supported on single and dual core CPUs, and supported on devices that support Media Transfer Protocol (MTP).

> **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 ATI Catalyst™ driver supports the following ATI Radeon™ products.

AMD Desktop Product Family Support

AMD Desktop Product Family Support	
ATI Radeon™ HD 5900 Series	ATI Radeon™ HD 4670 Series
ATI Radeon™ HD 5800 Series	ATI Radeon™ HD 4650 Series
ATI Radeon™ HD 5700 Series	ATI Radeon™ HD 4600 Series
ATI Radeon™ HD 5600 Series	ATI Radeon™ HD 4550 Series
ATI Radeon™ HD 5500 Series	ATI Radeon™ HD 4350 Series
ATI Radeon™ HD 5400 Series	ATI Radeon™ HD 3800 Series
ATI Radeon™ HD 4890 Series	ATI Radeon™ HD 3600 Series
ATI Radeon™ HD 4870 X2 Series	ATI Radeon™ HD 3400 Series
ATI Radeon™ HD 4850 X2 Series	ATI Radeon™ HD 2900 Series
ATI Radeon™ HD 4800 Series	ATI Radeon™ HD 2600 Series
ATI Radeon™ HD 4700 Series	ATI Radeon™ HD 2400 Series

AMD FireStream™ Product Family Support

AMD FireStream™ Product Support	
AMD FireStream™ 9350	AMD FireStream™ 9250
AMD FireStream™ 9270	AMD FireStream™ 9170

AMD Chipset Product Support

AMD Chipset Product Support	
ATI Radeon™ HD 4290	ATI Radeon™ 3200 Series
ATI Radeon™ HD 4250	ATI Radeon™ 3100 Series
ATI Radeon™ HD 4200 Series	ATI Radeon™ 3000 Series
ATI Radeon™ HD 3300 Series	

Operating Systems Supported

The latest version of the ATI 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 ATI Catalyst™ driver for Windows, the user must be logged on as Administrator or have Administrator rights in order to successfully complete the installation of the ATI Catalyst™ driver.

Catalyst™ Application Profiles

The following application profiles are available with this release of Catalyst™ 10.9:

- **Aliens Vs. Predator** – Profile update
- **Battlefield: Bad Company 2** – Profile update
- **F1 2010** – Profile update
- **Kane & Lynch 2** – New profile

Performance Improvements

The following performance gains are noticed with this release of Catalyst™ 10.9:

- **STALKER: Call of Pripyat Benchmark**
    - Performance increases up to 20% on ATI Radeon™ HD 5800 Series single and CrossFire™ configurations with Enhanced full dynamic lighting (DX11) and anti-aliasing enabled
    - Performance increases up to 12% on ATI Radeon™ HD 5700 Series single and CrossFire™ configurations with Enhanced full dynamic lighting (DX11) and anti-aliasing enabled
- **The Chronicles of Riddick: Assault on Dark Athena**
    - Performance increases up to 4% on ATI Radeon™ HD 5700 Series single and CrossFire™ configurations
    - Performance increases up to 4% on ATI Radeon™ HD 4800 Series single and CrossFire™ configurations
    - Performance increases up to 5% on ATI Radeon™ HD 5800 Series single and CrossFire™ configurations

- Performance increases up to 6% on ATI Radeon™ HD 5970 Series single and CrossFire™ configurations

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:

- UVD clocks will now return to normal speeds after switching from HD to SD content
- Flickering no longer visible while running 3D games on HDMI displays with Quad CrossFire™ enabled
- Mesh corruption is no longer visible in "The Chronicles of Riddick 2: Assault on Dark Athena" when SSAO in-game setting is set to high
- CrossFire™ now functions properly and in-game Anti-Aliasing can now be enabled in "StarCraft II"
- Adobe Flash Player will no longer display green screen after resume from sleep
- Negative CrossFire™ scaling on "Final Fantasy-XIV" no longer occurs
- Intermittent perfomance drops no longer observed with harware cursor enabled in "World of Warcraft" game in extended mode

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:

- AVI video no longer lags during playback within Microsoft PowerPoint slide deck
- Desktop corruption no longer occurs during PowerDVD SD/Blu-ray content playback on 120Hz displays
- Choppy HD playback no longer occurs while changing color vibrance and fleshtone correction in Catalyst™ Control Center - Advanced Color

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:

- Copy protection message will no longer appear when viewing a DVD with Windows Media Player on a Windows XP system with PowerDVD 9 installed

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:

- Catalyst™ Control Center: Enable dialog reposition does not show on proper monitor when system is configured with 4 displays

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:

- Drag and Drop transcoded H264i content may show deinterlacing lines
- Desktop may dim after exiting "Mafia II" game on some cards
- PowerDVD may exhibit blue and pink tint and might not display smooth transition when adjusting brightness and contrast in Catalyst™ Control Center when viewing Blu-ray content
- Secondary (Slave) GPU and Memory Clock values might fail to increase when D3D samples/games are running in full screen mode
- Green texture corruption may be observed when resolution/video settings are changed in "Metro 2033" game in DirectX 10 and 11 mode on some cards
- Frame drops may be visible during WinDVD Blu-ray playback with display resolution set to 25x16
- Changes to HDMI display scaling might fail to be retained after system reboot
- System may fail and display blue screen during HDMI audio driver upgrade if existing version is not uninstalled prior to installation
- Rebooting a system with a CRT connected to the MiniDP port may cause all resolutions except 640x480 to go missing
- Mouse cursor may intermittently be corrupt/missing in one of the displays under Eyefinity configuration while playing games/samples
- Desktop corruption may be visible while viewing Blu-ray content on 120 Hz displays; pressing Alt+F4 to close player application will restore desktop
- Windows Media Center application may stop responding or system may intermittently fail while playing 1080p video in 2x2 & 4X1 Eyefinity mode
- Desktop line corruption may be observed after hotplugging the HDCP display on some cards

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:

- Corruption might be visible in "Doom 3" and "Quake 4" with ATI Radeon™ HD 4700 Series cards
- Performing bezel compensation on 3x2 Eyefinity configuration may cause the bezel group (resolutions) to go missing
- All but the primary display under Eyefinity configuation might become disabled while changing the preferred display at lowest Bezel compensated resolution
- Hot swapping a HDCP display panel with a non-HDCP display may cause display to turn blank after resuming from sleep/hibernate during Blu-ray disc playback

Installing the ATI 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*.

ATI Catalyst™ Crew Driver Feedback

This driver release incorporates suggestions received through the ATI Catalyst™ CREW Driver Feedback program. To provide us with your feedback, visit *ATI Catalyst™ Crew Driver Feedback*.