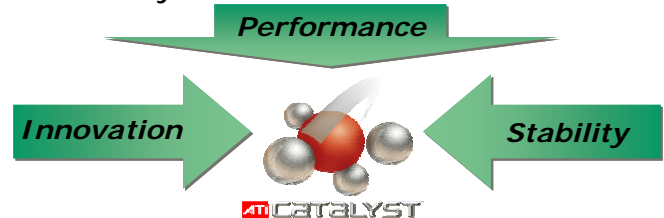




ATI Catalyst™ Software Q2 2010 newsletter

The ATI Catalyst™ Software quarterly newsletter is designed to inform you about significant software features that have been released in the past quarter and about significant upcoming software features and milestones. This newsletter also includes a selection of the latest press quotes, and other important highlights

ATI Catalyst™ - the ultimate software solution:



ATI Catalyst™ Software features released in Q2 2010:

H.264 Level 5.1 support

- ATI Catalyst™ can now playback 5.1 level streams on all supported players
- Allows for playback of high resolutions (4Kx2K)

Mosquito noise removal

- Reduces mosquito noise seen in highly compressed progressive video, during playback
- Supported on the ATI Radeon HD 5000 Series of products

Video De-blocking support

- Reduces blocking artifacts seen in low-bit rate video during playback
- Supported on the ATI Radeon HD 5000 Series of products

GPU acceleration of H.264 video content using Adobe® Flash Player 10.1

- The ATI Radeon™ HD 5000, ATI Radeon™ HD 4000 and ATI Radeon™ HD 3100 Series supports hardware acceleration features of the Adobe Flash Player 10.1 for video encoded in the H.264 format
- AMD GPU acceleration of Adobe® Flash Player 10.1 delivers smooth high definition video playback and reduces system resource utilization

Linux enhancements

- New architecture for 2D acceleration - delivers fast windows resizing with Compiz/Visual-Effects and general 2D performance improvements in all supported distributions
- New OS support: Ubuntu 10.04, SLED/SLES 11 SP1, RHEL 5.5

Official support for OpenGL 4.0 and OpenGL 3.3

- OpenGL 4.0 is supported on the ATI Radeon™ HD 5000 Series of products
- OpenGL 3.3 is supported on the ATI Radeon™ HD Series
- Supported on Windows and Linux operating systems for Consumer and Workstation product variants for both Desktop and Mobile Series

AMD video transcoding updates

- ATI Catalyst support for the Windows 7 Drag and Drop video converter has been enhanced
- Performance improvements
- New formats supported (H.264 file formats - MTS, WTV, and WMV9 Complex profile interlaced content)
- Supported in the advanced view of the ATI Catalyst™ Control Center and features an option for enabling GPU acceleration

ATI Catalyst™ software features released in Q2 2010

New ATI CrossFireX™ architecture for symmetric AMD GPU configurations

- New ATI CrossFireX architecture has been introduced for ATI CrossFireX configurations using two or more GPUs from the same product family (e.g., multiple ATI Radeon HD 5800 GPUs)
- Supported under DirectX 10 and DirectX 11 applications
- Delivers performance gains ~ 5% in high resolution/graphics settings (1920x1200, with 4X AA enabled) for certain applications

ATI Overdrive enhancement - full support for multiple display configurations

- ATI Overdrive has been enhanced - delivering full support for over-clocking functionality on supported ATI Radeon™ HD graphics accelerators connected to multiple display configurations

Support for 120 Hz displays

- ATI Catalyst™ now supports 120 Hz Displays for the ATI Radeon™ HD 4000 and ATI Radeon™ HD 3000 Series

Upcoming ATI Catalyst™ software features

Stereo 3D: Gaming and Blu-ray

- Supported on the ATI Radeon HD 4000 and later products when used in combination with supported Stereoscopic glasses and displays
- Users will be able experience games and view supported Blu-ray 3D content in Stereo 3D

OpenGL ES support

- Will enable rich 3D graphics within supported web browser (Google's Chrome or Mozilla's Firefox) - enables acceleration of 3D content and games

Linux enhancements

- New OS support: Ubuntu 10.04, RHEL6.0 OpenSUSE 11.3,
- Linux OpenGL performance improvements

PowerXpress 4.0

- Allows users to seamlessly (on a per application or power state transition) switch between integrated and discrete graphics cores
- Enables users to conserve battery life

New Catalyst Control Center

Goals:

- Designed for the AMD Fusion platform - Enables customers to easily configure their AMD hardware to maximize their PC experience
- The user interface will be fully scalable to work with various hardware configurations
 - GPU only
 - CPU only
 - APU only
 - APU + GPU
- Features a brand new user interface that is simple to use - There will be two variants of the user interface targeted at the:
 - Mainstream user
 - Advanced user
- Usability will be validated and tested through multiple usability studies
- Performance and package size will remain within range of the current ATI Catalyst Control Center
- The new unified Catalyst Control center will include functionality of the following AMD applications
 - ATI Catalyst Control Center
 - AMD Fusion Utility

Launch plans:

- Stage 1: Late Q4 2010- targeted for OEM customer sampling / introduction
- Stage 2: Late Q1 2011 targeted for ATI Catalyst™ introduction
- Monthly updates to follow through ATI Catalyst will add new features and functionality

First prototype screen shot:

