

Release Notes

A-VIEW 5.0

Jan, 2017

A-VIEW

Amrita Virtual Interactive E-Learning World

The Versatile E-Learning Tool For Distance Education

Contents

Overview	3
System Requirements	3
New features/enhancements in A-VIEW 5.0	3
Known Issues	5
Contact Us	7

Overview

This release note describes the software upgrade requirements (teacher and student nodes) for A-VIEW version 5.0. Enhancements to the existing features and known issues are also explained in the respective sections.

System Requirements

Software Requirements: A-VIEW is supported on Web, Windows , Mac OS 10 and Android (2.2 and above).

Hardware Requirements: Please refer the hardware requirements document from <http://aview.in/aview-classroom>.

New features/enhancements in A-VIEW 5.0

Following are the new features in A-VIEW 5.0

Features	Details
User Interface	<ul style="list-style-type: none"> • A-view menu bar gets hidden when a user enters into a class. • Audio/Video status option is displayed below the user-list. • Video panel size has been increased in video sharing module. • Whiteboard toolbar position has been changed.
Audio-video	<ul style="list-style-type: none"> • 3 parameters 'Camera Type' , 'Camera resolution ' & Buffer time has been included in 'Advanced video settings'. • Check audio/video option is available in Aview menu bar. • Option to check User's download bandwidth is implemented in the bottom status bar.
Echo testing	<ul style="list-style-type: none"> • This feature allows the user to check if his audio-video settings will cause echo during a live session. • Echo testing can be done before a session starts or during a live session.

<p>Document sharing</p>	<ul style="list-style-type: none"> • Status of document upload can be seen by clicking on document upload status button. The 4 different document conversion status are <ul style="list-style-type: none"> a. Not started b. Processing c. Failed d. Success
<p>Preference settings</p>	<ul style="list-style-type: none"> • Audio-Video settings , Device testing, Recording mode & Bandwidth checking has been added in preference settings.
<p>Self Recording</p>	<ul style="list-style-type: none"> • This new feature allows the moderator/teacher to create a video recording(self) of an A-VIEW session. • Moderator/teacher can record any of the A-VIEW features (Video, Document, Whiteboard, etc) using this feature. • Recording can be saved in video qualities compatible with various devices (Mobile, Tablet, Desktop, TV) in mp4 format.
<p>Client-side MP4 Recording</p>	<ul style="list-style-type: none"> • This feature allows all viewers/presenters to record an ongoing A-VIEW session and save it. • The moderator can also perform client side mp4 recording of an A-VIEW session if he selects that recording mode for his session. • Recording can be saved in video qualities compatible with various devices (Mobile, Tablet, Desktop, TV) in mp4 format.
<p>GCLM</p>	<p>Following features/options have been introduced in class settings.</p> <ul style="list-style-type: none"> • 'Whiteboard smoothing' can be enabled/disabled for a class. • Live sessions can be recorded as 'client side mp4' or 'AVIEW playback' using 'Session recording mode' option. • 'Video sharing' server can be set in class server settings. • If 'Require pretesting' option is enabled for a class, then pretesting window appears when a user clicks on start video button for the first time after entering into a class. • Video watermark can be enabled/disabled for a class.

Question interface	<ul style="list-style-type: none"> • Option to export all questions posted in A-VIEW has been implemented for all users. • Option to sort questions based on question time stamp and votes has been introduced. • Size of the question text can be increased. • Question interface window can be popped out.
Chat	<ul style="list-style-type: none"> • Option to export all chat messages posted in A-VIEW has been implemented for all users.

Known Issues

#	Scenario	Error Messages/Screen Display	Solution
1.	While trying to run A-VIEW.	Some of the components are missing, please reinstall A-VIEW full package.	Manually install the full version of A-VIEW.
2.	While logging into the classroom On Win 7/8/10 machine. (When class has Low bandwidth single bitrate or Low bandwidth/Low latency/HighDefinition multibitrate video settings)	Application hangs while entering into a class & the user will not be able to start his video.	Close A-VIEW. Start screen camera application with administrator privilege and then log into A-VIEW.
3.	When moderator plays a YouTube link.	The YouTube video will not play at viewer side.	Issue can happen 1. if the YouTube video doesn't have copyrights or 2. if the viewer side firewall restricts the access to YouTube or 3. if the flash player on the machine is not valid.
4.	While performing desktop sharing.	Desktop sharing appears blank at viewer side.	Click on refresh button on the shared desktop window.
5.	While playing 2d files or while sharing videos.	Users experiences echo issue at their end.	To eliminate echo, either deselect the selected viewer or use push to talk to mute the selected viewer.
6.	While uploading animated Power-point files.	Animated file upload takes a lot of time depending on the number of slides.	Animated files should be uploaded before the actual class and not during the class.
7.	While typing the server IP address	A-VIEW login interface	Issue happens when user runs

	in login screen	hangs while typing the IP address in login screen (Issue happens rarely on few machines)	AviView directly from setup wizard after installation or if internet is not available on the machine. So make sure internet is available and close and open the login screen again. If issue persist delete A-VIEW folder from appdata and try again.
8.	While using 'Higher video Quality' video mode for publishing video.	Lip sync issue for presenter video.	Use 'Less delay' video mode if Lip Sync issue has to be avoided.
9.	While performing microphone pretesting on win 7 machine	Application gets closed sometimes. Issue happens at times.	If issue happens frequently in the machine, perform microphone pretesting from Windows Sound Recorder.
10.	User performs multiple seek operations frequently while playing back recorded sessions.	Application gets closed. Issue happens at times and scenario is very rare.	Wait to seek further until video starts playing.
11.	While user tries to start his video or while performing pretesting.	Application gets closed. The issue happens for some OS-Video driver combination which has the latest version of Adobe Air installed.	Solution 1 Uninstall the latest version of Adobe Air & Install Air 17 version that comes with A-view full installer. (Or click here to download Air 17 installer) Solution 2 Right click on A-view desktop icon, Select properties , go to tab 'Compatibility' , enable 'Run program in compatibility mode for' and select any of the previous OS version(Win 7/Vista/XP) and verify crash is not happening.
12	While playing 2D files	2D file is not displayed properly. The issue happens on machines which has the latest version of Adobe Air installed.	Uninstall the latest version of Adobe Air & Install Air 17 version that comes with A-view full installer (Or click here to download Air 17 installer)
13.	While sharing video with 100+ clients attending the session.	1) When moderator pauses the video it keeps playing for few viewers. 2) Video gets stuck/blank for few viewers when moderator performs multiple seek or play/pause operation. (Both issues happen rarely)	NA
14.	While sending meeting invitation to guest users	Guest users do not get the invitation mail on time. Issue happens at times.	NA

15.	While playing 2D files along with chat, recording or video sharing.	Application gets stuck in some machines. Issue happens rarely and scenario is very rare.	NA
-----	---	--	----

Contact Us

Please direct all your specific release oriented questions, feedbacks and issues to aview@amrita.edu

Contact No.: +91-9447051380, 0476-2804405