
EdApp Certified

Managing iPads, iPods, and iPhones in the classroom

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Introduction

The Apple iPad, iPod and iPhone devices provide an incredible platform for delivery of educational content to students worldwide. Thousands of app developers all over the world are providing new, exciting and innovative content, games, videos and educational apps.

At LanSchool we are passionate about educating the upcoming generations and want to help parents, teachers and professors adopt these new platforms. A critical element to that adoption is classroom management functionality. However, without the ability to run multiple applications at the same time, the ability to perform traditional classroom management is limited.

The purpose of the EdApp Certification is to overcome this limitation and provide teachers and professors the ability to monitor, manage and interact with students using iPads, iPods and iPhones. If an application is EdApp Certified it means that LanSchool has verified that the app has implemented some basic classroom management features. These features are accessible to the teacher from either the LanSchool Lite console (free to K-20 educators) or the LanSchool v7.4 paid version.

Features available from the free LanSchool Lite console:

Discover and monitor student devices

Once an EdApp application is launched, the student's device will be discovered and displayed as a thumbnail or a device in list view of the console.

View the current app and last visited URL

Teachers will be able to see what EdApp certified app is running. If all of the students are supposed to be in an Algebra app and they practicing math, the teacher will know.

The teacher will also see the last website the student visited.

Monitor student progress through an app or see a final score

As students progress through an app's exercises or quizzes that information is sent back and displayed to the teacher.

Student request for help

Students can silently Request Help from the teacher. A small question mark appears on the thumbnail with the student question, which indicates they need help.

Monitor battery status

The charged state of the device's battery is sent and displayed in the teacher's console. A warning indication is made when the device is below 50% and a critical indication when the device is below 20%.

Additional features available with LanSchool v7.4 (paid version):

Assess student understanding

Students can be quickly polled during a lecture with true/false or multiple choice questions.

Send student messages

Students can silently Request Help from the teacher. A small question mark appears on the thumbnail with the student question, which indicates they need help.

Requirements

In order to manage iPads, iPods, and iPhones in the classroom there are a few requirements.

1. Install either the LanSchool Lite Teacher's console (free to K-20 educators) or the LanSchool v7.4 console (paid version). Both of these applications are available from www.lanschool.com, include installation instructions and can be run on both Windows and OSX.
2. Download and install an EdApp Approved application on your iPad, iPod or iPhone. A list of EdApp approved applications is available at www.lanschool.com/edapp.
3. The Teacher's Console and the iPads, iPods and iPhones must be connected to the school's wireless network.

Instructions

Both LanSchool Teacher consoles use channels. Channels ensure that all the computers in that classroom see the same computer screen; much like a TV channel enables different TVs to see the same program. LanSchool has 16,000 teacher channels from which to choose, which means that you can have as many as 16,000 different classrooms using LanSchool at any given time.

The most logical way to set up LanSchool is for each teacher console or room to have its own teacher channel.

However, one of the limitations of the iPad, iPod and iPhone platforms is the inability to share settings between applications. So it is impossible to set a channel number to assign a particular device to a classroom.

To make these devices manageable, EdApp Certified apps all load up on channel 1. Teachers can then use a Class List to load any student running an EdApp into their own unique channel.

If you'd like to manage a set of iPad, iPod, or iPhone devices through the LanSchool Teacher's console follow these steps:

1. Set the teacher's channel to 1 through the Administer, Preferences menu on the network tab. If that option is grayed out, run the EnableChannelSelect utility described in the install.pdf and reopen the Preferences menu and set it to channel 1.
2. Load an EdApp on the devices in the classroom
3. Go to the Administer menu in the LanSchool console, Select 'One to One', 'Select Manage Class Lists'.
4. Select the radio button, 'Student Machine Name'
5. Click the 'Browse for Students' button
6. Select the devices that you would like to be in this class list and click the 'Add' button
7. Save the class list.
8. Set the teacher's channel to a unique number between 2 and 16,000.
9. Load a class list by clicking on Administer, then "One to One" then 'Load Class List'. This will 'pull' students from their home channel temporarily to the channel the teacher is on. They can then be monitored and managed as long as they are running an EdApp approved application. If the students load an app that is not EdApp approved then that particular student's device will appear as 'Not Responding' in the teacher's console.
10. Dismiss the class. When the current class list is dismissed, all students in the current class will be assigned back to channel 1.

Questions and Support

If you have questions or problems managing a classroom using iPads, iPods or iPhones that are using an EdApp Certified app please call toll free 877-370-5546 or email support@lanschool.com. LanSchool will provide support for LanSchool Lite and the LanSchool v7.4 consoles. We do not provide support for the individual EdApps. If you need support on a particular educational app, please contact that app vendor.