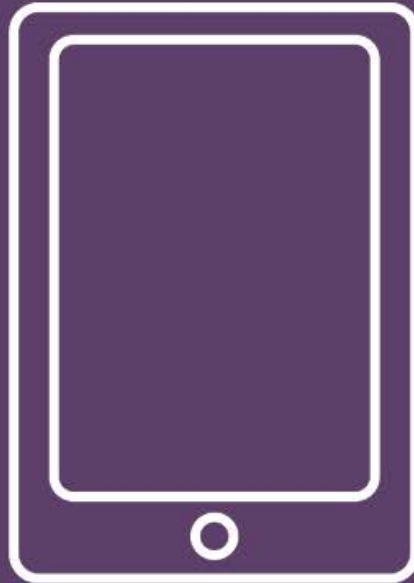




How to Prepare Your Network for iPads in the Classroom



An E-Book by SecurEdge Networks
www.securedgenetworks.com



Schools Must Upgrade to Support the iPad

Bring your own device and iPad in the classroom programs are pushing school systems to invest in wireless LAN technology upgrades. Given the thousands of innovative education applications designed specifically for tablets as well as the integrated learning experience such apps can offer, it's no wonder that iPads and other mobile devices are entering K-12 schools at an aggressive rate.

Throughout the U.S. and abroad, K-12 schools and universities are utilizing iPads, iPhones, tablets and other handheld devices to enable mobility in the classroom and achieve higher standards of learning. In some cases the schools have rolled tablets out to every student, and in other cases students and teachers are bringing personal devices from home. Either way, schools are upgrading their wireless networks to accommodate the influx.

This eBook will answer your questions to help you prepare your school for the iPad:

- ✓ **How do you plan for the iPad on your wireless network?**
- ✓ **What are the top things you need to know to manage iPads and other mobile devices on your wireless network?**
- ✓ **Can your school wireless network support the increasing amount of mobile devices and iPads?**
- ✓ **If your wireless network needs an upgrade, what is the next step?**





Planning For the iPad

Planning is the most important step to any technology initiative. Integrating technology into the classroom can seem like an overwhelming task as there are many wireless network infrastructure considerations to keep in mind.

When preparing your school for an iPad Implementation, there are many campus needs that have to be considered. Creating a clear plan that covers all aspects of your wireless network infrastructure and current classroom technology will help you avoid any technology initiative failures.



So how do you begin preparing your school for an iPad Implementation?

The most important step to prepare your school for the iPad or other mobile device implementations is that you need to review your current campus wireless infrastructure.

Signal Strength - iPads require a strong and reliable connection to the web. Have you thoroughly tested the speed of your internet connection throughout all times of the day? Do teachers have reliable connection inside the learning areas? How is the wireless network signal strength and distribution? Do you have the proper wireless network infrastructure to support a successful implementation? Is the signal being distributed evenly and reliably to all parts of the campus? Have you tested for dead spots? Will your wireless network be able to support a large volume of devices connecting at the same time? And without sacrificing network speed?

Wireless Network - How will the iPads connect to the wireless network? Will the iPads connect through a separate network or student guest network? Does your wireless network have the ability to create a separate policy that identifies iPads on your existing network, giving them different access rules or web filtering?

iPad Management - How will your school keep track of the location to each iPad? Will the iPads be stored in a mobile cart? How will you identify or assign users to the iPad?

Preparing your school for an iPad implementation can be an extensive process. There are many wireless network infrastructure considerations to review to make sure your school is ready to implement the iPad or additional wireless mobile devices.



Bring Your Own Device (BYOD) Management: iPads and other Mobile Devices

The issue of bring your own device (BYOD) or bring your own PC (BYOPC) is frequently talked about by IT directors managing school wireless networks.

The mobile revolution has unleashed an invasion of smart phones, iPads, laptops, iPods, and other devices. Technology is a tool that easily increases productivity and helps students learn -- but as an IT director, how can your school wireless network handle students bringing their own devices?



IT departments for school wireless networks need to be able to manage the many mobile devices students and teachers are accessing the network with. The day of having an unsecured wireless network is over -- the school wireless network needs to be secure, allow guest access, and provide the proper capacity for support. Here at SecurEdge we can set up your school wireless network with Role Based Network Security. This allows you can assign specific students, devices and teachers their own "policies" for what they can access on your network and online.

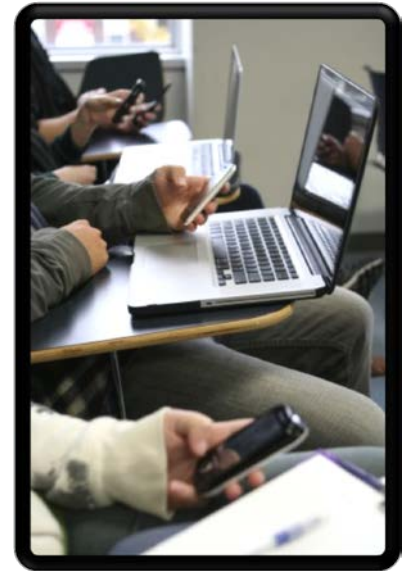
Keep the School Wireless Network Secure with Device Management

The School Wireless Network needs to be secure, constantly protecting the network from student viruses, malware and other malicious activity. When it comes to network security, SecurEdge is always on the cutting edge and can help you keep your network secure.



The Increasing Amounts of Mobile Devices, iPads

Over 45 million iPhones and iPads were sold in just 2010 alone. As technology advances, more of these smart devices are being sold daily to consumers. These mobile devices allow for social networking, photo sharing, and high speed Wi-Fi that allow users to communicate even more. But can your wireless network support the plethora of mobile devices, let alone the iPad itself?



Wireless Networks demand the ability to support the magnitude of mobile devices and users, while still keeping the wireless network secure and safe from harm. Consumers and students both commonly expect the wireless networks to be available simply and easily.

1) Security

New mobile devices create new challenges for IT departments ranging from new sets of securities, configurations and management. With the shifting trend of untrusted user mobile devices requesting network access, it is critical to authenticate and authorize each user as well as the device itself. **SecurEdge Networks can provide your IT department the security and management it needs to authenticate and track users on the wireless network.**

2) Easy Integration

The latest versions of Apple iPads utilize 802.11ac technology and the IT department needs to ensure that these high performance devices do not adversely affect the performance of clients using legacy Wi-Fi technology. **We can help define and take the appropriate measures that will prevent performance degradation on the existing set of wireless devices and applications, ensuring the best overall network performance.**

3) Tracking and Visibility

When devices are authenticated and access the network, **SecurEdge Networks can give your IT department the ability to track wireless network access per device and user.** No longer is it a mystery what devices are connecting to the network. This also provides additional network security for your Wi-Fi. With this ability, the IT administrator will be able to see all employee-owned devices, student devices or guest devices, even classified by device type.





Upgrading Your Wireless Network: The Next Step

The benefits of having a wireless network with the capacity and ability to support, manage, and control mobile devices, including the iPad are endless.



Contact us for help preparing your school for an iPad or mobile device implementation. We are the Nation's leader in wireless networking and can help plan, design and deploy the best wireless network for your school.

We don't just plan for what your wireless network needs now, but for the future of mobile devices as well.

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