

# BRING YOUR OWN DEVICE (BYOD)



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**Virtualization Solutions  
for Education**

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## BRING YOUR OWN DEVICE (BYOD)

An increasing number of students, parents, staff and teachers at educational organizations expect the ability to connect to the network with their own devices. Laptops, smartphones, tablets and other devices are becoming items people simply don't leave home without, and educational organizations are faced with the challenge of accommodating the growing number of mobile devices.

Whether students are in elementary school, middle or high school, or college – they've been using technology and mobile devices most of their lives. Teachers and staff are working more efficiently with their own mobile devices and tablets. It's time to put BYOD to use in supporting educational goals.

A Bring Your Own Device (BYOD) solution offers easy deployment and controls for the IT staff, while creating a simple user experience for students, parents, and staff to access data, applications, streaming video, and the internet securely. A number of benefits of BYOD exist for teachers and students in school wireless networks:

### **Improved Collaboration**

Most schools look for ways to engage students and assign students to group projects. BYOD technology enables students to collaborate on projects easier, and can even



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open the door to collaboration with students from other school districts and from around the world.

### **Customized Instruction Opportunities**

Most educational environments group children by age and grade rather than academic ability. When you use technology, you make it possible to provide customized instruction to students of varying ability levels so that each child is working at their own level and pace.

#### Increased Interactivity

Planning lessons around BYOD technology can greatly increase the interactivity of a classroom. Make arrangements for students to interact with students from other countries during a geography lesson, or organize a digital scavenger hunt or virtual field trip. The more a student interacts with a lesson, the more likely they are to be fully engaged and actually enjoying learning the material presented.



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### **Cost Savings for the School**

The school won't need to update or purchase technology as often if students are bringing their own technology devices to school. If a school attempted to keep up with changing technology for education they would quickly run out of money but by allowing students to bring their own devices and creating a BYOD environment with wireless access, you can offer advanced interactivity among students without the expense.

### **Helping Students Prepare for the Workforce**

With the way the world is moving in terms of technology, there is no doubt that today's students are going to rely on technology in just about every future-career path they may follow. When your school offers BYOD, you are providing an opportunity to learn appropriate use of mobile devices and helping students gain experience with the technology and tools they will need for the future.

### **Digital Textbooks and eBooks**

Textbooks and nonfiction books are often outdated by the time they're published! Instead of needing to buy new books every semester, switching to digital textbooks and using eBooks in your classrooms saves money over buying new books.



It also allows for the most up to date version of books. Students and teachers can keep hundreds of books on their digital devices and it won't even weigh down their backpacks.

### **BYOD Challenges**

When setting up a BYOD environment in a school, there are several challenges:

**Scalability** – with the wide variety of devices, how do you accommodate them all in real time and continue to support new devices and applications as they are invented?

**Security and Manageability** – how can you limit access to the network to certain people or prevent children from accessing inappropriate content on the internet from school? How can administration ensure BYOD policies are followed no matter who is connected or where people are connected to your network?

**Budget Concerns** – can the challenges of BYOD be handled while controlling costs and sticking to a budget?

**Accountability and Standards** – how can we measure student achievement and the benefits of BYOD on the educational experience in order to show it's usefulness?

### **BYOD Solution**

Our BYOD solution will enable you to take advantage of the teaching and learning opportunities offered through mobility and portable devices connected to your educational network. We work with educational institutions to create a secure, scalable, simple and cost-effective solution to support your learning environment. Rapid deployment of a BYOD environment will minimize disruption to the school and enable you to keep focused on academic achievement and under budget.



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