

# Education IT



## IT IN EDUCATION: NEW REQUIREMENTS, NEW DEMANDS, AND AVENUES FOR LEARNING, MORE DATA...

### SAME BUDGET?

Education is undergoing transformation at a rapid pace, and with this transformation comes more and more information. IT professionals must find ways to process and store this information. Challenges such as Bring Your Own Device (BYOD) and managing all the devices and the data they produce is a daunting task. Most school districts don't have the resources to throw money at the problem and most IT vendors don't understand or sympathize with this matter. All IT professionals are under pressure to find ways to do more with less. The fact that many schools rely heavily on tax dollars for funding and are accountable to the taxpayer only magnifies this pressure. These increasing data storage requirements along with budget constraints create a constant challenge to teachers, administration, and IT professionals. Upgrading and expanding storage is a certainty: the only question is "sooner or later?" When this time comes, discovering your vendor's only option is to discard existing equipment and replace it due to compatibility issues can be the straw that broke the budget's back.



Storage solutions for the growing demands of Education data

# Economical storage solutions for Education Information demands

The Solution: An open system with best-in-class components at a fraction of the price. Wishful thinking? Not anymore.

Nfina's NAS storage system with enterprise-class drives provides continuous data availability and integrated storage support for virtualization initiatives. The NAS is an ALL-IN-ONE storage server for backup and sharing. The NAS yields the best value, performance, and reliability in the industry. Nfina's NAS is a high performance, cost-efficient, easy to install and maintain storage solution with value-added server features including:



- *Value – Nfina keeps overhead to a minimum so the savings can be passed along to you.*
- *Open systems – Nfina products don't lock you into a one-vendor solution. Your system is not limited by nor limited to the capabilities of one manufacturer.*
- *Best-in-class names you know and trust: Intel®, Kingston®, Seagate®, LSI®, Delta™*
- *Innovative caching techniques that yield near-SSD performance at SATA pricing.*
- *Ease of expansion - Adding storage is as easy as plugging in a cable.*
- *With Nfina's affordability, additional units can be added at off-site locations for another level of security – an option that may not be economically feasible with other vendor's solutions*



Nfina Technologies, Inc. 820 S. University Blvd., 4E, Mobile, AL 36606 tel: 251.243.0043 fax: 251.316.3884  
nfina\_sales@nfinausa.com [www.nfinausa.com](http://www.nfinausa.com)

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## Virtualization in Education

Implementing virtualization in schools can result in significant hardware and software savings. Instead of paying for a full personal computer with a hard drive plus individual software to run on it, a thin client can be deployed to the department or desktop. Data center software is then installed on the server. When a user logs on to the computer and software is needed, the software is deployed over the network to the thin client where it is needed. Multiply this savings times each computer in the school, and the savings adds up.

Another added benefit to virtualization is data protection. Since data is now being stored on the network, protected by RAID technology, and backed up regularly, the possibility of a local hard drive crash and the accompanying loss of data is eliminated.

