HP SchoolCloud Solution

HP Solution Brief

A new paradigm for classroom technology.

HP SchoolCloud Solution is a private cloud solution that provides students and teachers access to all their applications and data through an instructional desktop that follows them throughout their school day, from home, or from any internet device. It's a scalable network architecture in which IT now only has to manage a few servers instead of thousands of PCs so no more need to worry about licensing or loading software.

SchoolCloud includes professional development designed specifically for education, schools can easily enhance teacher's skills to effectively teach with the new technology. Through real-time reports with HP SchoolCloud, teachers and administrators know which software and computers are being used. This data can be combined with student grades and attendance to correlate technology usage and learning outcomes.

Not your traditional PC environment

Traditionally, schools deploy individual desktop or notebook PCs, but often with challenges. Kids can get into the operating system, delete applications, download the wrong patch, upgrade to a new version of an application that isn't compatible. A thin client environment prevents that. The HP Thin Clients have no hard drive and no resident software.

Students and teachers simply log-in to access their personalized SchoolCloud page at school, home or anywhere they have internet access. Saved projects, documents and applications are all accessible from the student's home page allowing them to extend classroom learning at home.

Virtual Desktops

The students and teachers instructional desktop is delivered by ClassLink software, an application delivery system developed from the ground up for education ClassLink delivers a customized virtual desktop to the HP Thin Client or any Internet enabled device with the exact instructional learning software tools intended for that student (based on the student's login identity and class schedule). There are thousands of educational software applications available to schools from first grade through high school – one to fit any school's specific's needs. And the student gets the same access whether he or she is logging in at school, at home, or the public library.

So students can start a project at school, and continue it from nearly anywhere they have access to a computer. They log in and have all the same software, as well as their personal project files located in their home folders. Schools need technology that is cost effective that runs all the time, accessible 24 x 7, and doesn't require a large staff to manage it. A virtualized environment with HP Thin Clients and application servers, combined with the ClassLink software, does all that.

Stretching school dollars

The thin client environment doesn't just deliver a better instructional environment–it also does it for far less money. The savings come from less expensive hardware, easier IT management, and the savings potential in software licensing.

User hardware is less expensive. Thin clients typically cost half of a well-equipped desktop PC. The thin client is much easier to support and has a longer lifecycle. Rather than sending technicians to each classroom to deal with desktop units that have developed hardware or software issues, most of the management takes place back in the data center.

The district can save on software licensing. Rather than purchasing many copies, IT can now purchase a concurrent license. The ClassLink application portals software-metering feature monitors the number of users that have launched the software. When the 101st student tries to use it, ClassLink shuts them out from using the metered application.

Bridging the digital divide

Providing better access, greater reliability, and lower cost would be enough for any senior technology manager, but HP Thin Client solution provides one more important benefit. Some students are substantially disadvantaged when it comes to technology away from school. But with the HP SchoolCloud Solution, any student who has a phone line and any kind of computer–even one that's otherwise obsolete–can log in and access the same desktop they have at school. Through HP SchoolCloud and using HP Thin Clients, students have prescriptive access to their software applications anytime, anywhere.

At A Glance

- A scalable packaged server-based computing environment including the server infrastructure, thin clients, Classlink LaunchPad software with installation and set up, and onsite, instructor–led professional development
- 24/7 computing access for students and teachers
- Reduced end-user support for IT
- ClassLink gives administrators real-time data
- Virtual Desktop is delivered anywhere there is internet access
- Simple to deploy and manage

HP SchoolCloud Solution combines infrastructure, software, and professional development tools. These tools are designed specifically to help teachers learn how to improve their techniques. Plus, with ClassLink software, it gives administrators access to real-time data, which allows data-driven decisions that improve the effectiveness of the entire solution. And remember, each package is scalable to approximately 200 users.

HP SCHOOLCLOUD
Personalized anytime/anywhere learning

HP ProLiant DL380 Server

HP t5740 Thin Client

HP LE1851W

Feature	Component	Part Number
Server	Qty 4: HP ProLiant DL380 G6 Server	504635-001
Access device	Qty 200: HP t5740 Thin Client	VU904AA
Monitor, keyboard and mouse	Qty 200: HP LE1851W 18.5-inch Widescreen LCD Monitor; Choose from a number of HP accessories and options	NK033AA
Education software	ClassLink LaunchPad software license pack ClassLink Inquiry 1-year subscription included, purchase additional educational applications	TBD
Professional Development	Qty 3 days: Onsite, instructor-led KNS Professional Development package	TBD
Off network access (optional)	Qty 100: Citrix ICA	TBD
Total	200 user virtual Instructional desktops	

How to buy

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