

# Education Unplugged

*Giving students the wireless environment they need to succeed*

Today's evolving classroom is pulsating with excitement and creativity, as students increasingly stream video, tap voice, peruse electronic textbooks and access other media-rich applications.

But many K-12 schools and school districts are forgoing this unprecedented opportunity. Older, clunky IT networks often just can't muster the Internet bandwidth — or the security required to safely take advantage of these, and many other vibrant innovations.

To take students further and faster, K-12 wireless local area network (WLAN) infrastructure must change quickly, industry analysts say.

"Schools that might have started with a smaller installation of consumer-grade wireless access points now need ubiquitous, intelligent access," says Robit Mehra, director of Enterprise Communications Infrastructure at technology research firm IDC.

That means installing a WLAN that can manage hundreds or thousands of users across multiple campuses, he says.

Once K-12 schools do transition to a more modern, robust online environment, the benefits to students, teachers and administrators can be enormous. For example, campuses can add smart classrooms, one-to-one laptop programs and smartphone access, while also protecting student records and other crucial data.

Students deserve the access to technology and multi-media that excites them about the learning experience. HP can help K-12 districts and campuses succeed with the next-generation Internet platform.

## Taking WLAN to the next level

HP is dedicated to giving students the next-generation WLAN platform they need to succeed. In addition to vast performance improvements, the HP FlexNetwork optimizes WLAN architecture, streamlines related management and reaps energy savings to reduce total cost of ownership by 66 percent over older generation networks, with:

- **Unique design** – Tap system of powerful access points, controllers, management and security to increase capacity and throughput, and improve security, scalability and performance.
- **More efficiently traffic routing** – Direct students, teachers and other online users automatically to the less-congested 5 GHz band for better performance. Also segregates crucial and non-crucial user traffic for increase throughput.
- **Unparalleled ease of management** – Control everything from a single computer console to streamline operations, while freeing IT staff to handle other pressing tasks.
- **Advanced security** – Protect against network intruders, related identity theft and stolen records. Dedicated sensors scan all radio frequency channels 24/7 and can automatically mitigate potential threats.



HP is the largest IT company in the world, with a complete portfolio of products ranging from networking to servers, storage, printers, and laptop and desktop PCs.

**Contact an HP representative at (877) 258-6436 for more information.**