



A New View

Universities, colleges and K-12 schools are transforming their campus environments by deploying wireless in their classrooms, on campus and across their school districts. As students return to campuses each fall, they bring with them a plethora of new mobile devices. Additionally, schools are launching 1:1 computing programs for improved learning. Educators and students need predictable and reliable wireless solutions to improve learning experiences and to work seamlessly in highly dense areas, such as classrooms, student unions and auditoriums.

Meru Networks' virtualized wireless LAN solution delivers this predictability to more than 1,100 schools and universities around the world. Meru is the first WLAN manufacturer to deliver a solution that virtualizes its access points. This innovative approach is more reliable and scalable, providing better performance with less equipment than competing legacy microcell wireless networks.

Meru's virtualized WLANs provide the performance required to support online learning initiatives in classrooms with 10 to 50 students, as well as in lecture halls with hundreds of students. In fact, Meru conducted an industry-first demonstration of its unique WLAN 500™ solution, delivering HD video, streaming multicast video, VoIP and data to 500 client devices, simultaneously, in a 500-square-foot area. The demonstration proved that Meru's virtualized WLAN solution supports highly dense areas, with zero dropped clients and without the complexity inherent in a microcell WLAN.

Meru provides all the features of a wired network, but with the advantages of mobility and a significantly lower cost of ownership. It's no wonder education is taking a closer look at wireless. Meru networks are easier to implement and manage, deliver predictable performance, and scale easily.

Meru's virtualized WLANs deliver many benefits:

- **Lower Costs:** Installing and maintaining a Meru wireless network frees the budget for other projects. Meru requires less equipment and less installation time than other systems.
- **Up to 30 Percent Fewer Access Points:** With Meru's Air Traffic Control technology, every access point can transmit at the maximum power allowed by the FCC. Other systems use reduced power to minimize interference among numerous channels, thus requiring more access points. With Meru, fewer access points mean lower costs for equipment and installation.
- **Easy to Deploy and Manage:** It takes just hours to install an entire Meru network. And once in place, it's very dependable. Set it and forget it.
- **Add Capacity Easily:** Adding access is easy. Simply install an access point, and it automatically comes online.
- **Meru WLAN 500 — Scalable for High Density:** Supports highly dense areas — 500 client devices in a 500-square-foot area with zero service disruption.

Meru Networks delivers virtualized wireless networks to more than 3,500 customers worldwide, including 1,100 customers in the education marketplace. Meru's scalable and cost-effective wireless platform supports converged mission-critical video, voice, and data applications — predictably and securely across campus, including high-density areas such as classrooms, lecture halls, and auditoriums. Visit www.merunetworks.com to learn more.

