Smarter Wi-Fi Fosters
The Learning Experience

IT'S A REQUIRED COURSE OF ACTION FOR EDUCATION

Faster, more dependable Wi-Fi connectivity that's affordable is fundamental. It must cover large campuses, yet reach every small nook and cranny of a classroom. It must support multimedia applications while providing secure connectivity for staff, students, and guests. Limited budgets and IT staff mean that educators need a new approach. Ruckus passes the test with flying colors.

Dealing With High Density

A major concern within the education market is dealing with high density environments such as lecture halls, gymnasiums, and theaters. With a flood of Wi-Fi enabled devices simultaneously accessing the wireless network, the Ruckus ZoneFlex™ system is designed to provide a best-in-class solution for supporting a high-capacity of concurrent wireless users. Applying patented adaptive antenna technology that gets users on and off the Wi-Fi network quickly, this technology is combined with capabilities including client load balancing, airtime fairness, band steering, and per user rate limiting to ensure hundreds of users can access a single access point that delivers reliable and fast Wi-Fi connectivity.

Combining adaptive antenna technology, band steering, and airtime fairness makes Ruckus Smart Wi-Fi ideal for high-density classroom environments giving students reliable high-speed wireless network access.

Cost is driving decisions around Wi-Fi and education often chooses lower cost solutions, thinking that Wi-Fi is just Wi-Fi, unknowingly sacrificing a lot more than just a cost compromise. All Wi-Fi deployments in education require high density capability. No educators would knowingly compromise on the quality of education – a geography book with outdated maps, and English text book with old English. Why would they allow IT Departments to choose Wi-Fi that is missing basic essential functionality, ensuring students have reliable fast access to their resources; that they can work everywhere on campus; that they all have access at the same time and can use the devices they need to (BYOD) etc. This list continues, but the list of Wi-Fi with more patents than any other is very short. ONLY ONE offers more patented essential functionality to deliver Smart Wi-Fi.

Ruckus Wireless from **UC-Wireless** (specialist Educational Vendor) is the ONLY Wi-Fi that follows students around – literally, to ensure that they all have the fastest dependable connectivity.

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SEE US AT African EDU Week (Stand E12)

Smart Educators are choosing Ruckus smart Wi-Fi Solutions to solve challenges and raise the curve

PROBLEM	RUCKUS SMART WI-FI SOLUTION
Spotty Coverage	High-gain smart antenna system extends Wi-Fi signals two to four times farther, requiring fewer APs per school
Unstable Wi-Fi connectivity	Patented adaptive antenna technology within every Ruckus smart Wi-Fi access point ensures stable client connectivity and mitigates packet loss to ensure the highest performance possible
Disparate WLAN systems	Indoor and outdoor APs mesh together and are managed centrally by the ZoneDirector controller
Too many APs to manage	Requires one-third to one-half the number of APs over conventional omnidirectional Wi-Fi products
No multimedia support	Provides up to 32 discrete WLAN networks that can be used to concurrently support IP-based video, voice, and administrative applications
Controllers in each school	Distributed forwarding architecture enables a single centrally located network operation center to manage the entire Wi-Fi infrastructure without sitting in the data path
Guest management	Intuitive, browser-based facility lets staff generate a unique and timed Wi-Fi guest pass in less than 60 seconds
Complex installation and management	Entire WLAN configures in minutes; APs self-configure by automatically discovering the controller. Ruckus Smart Wi-Fi systems can be remotely configured and managed

UC-Wireless Compliments its Ruckus Wireless offering to the Education market. Smart Wi-Fi enables more Smart Products to use the Wi-Fi in the educational environment. NOW AVAILABLE FROM UC-WIRELESS:

DisplayNote

Official Africa Distributor:
Educators collaborate LIVE over Wi-Fi with Learners including distance learning over Internet – Compatible with Any e-Learning Solutions!

breadbin INTERACTIVE

Exclusive Wi-Fi Distributor:
Content managed digital repository with CAPS aligned & open education resource.

exinda WAN Optimization

Authorised Partner:
Live reporting, Internet prioritisation & content management, including Internet acceleration & web site cache.

PATENTED EXCLUSIVE BENEFITS

DYNAMIC BEAM FORMING
Adaptive Intelligent Beam-Steering Interference Rejecting Smart Antenna

QUALITY OF SERVICE
Precision Per-User Video/Data quality of service.

MESHING
Self-provisioning, self-optimizing high speed Wireless Backbone.

SECURITY
Patented Advanced Per-User Security

Ruckus
Simply Better Connections.

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