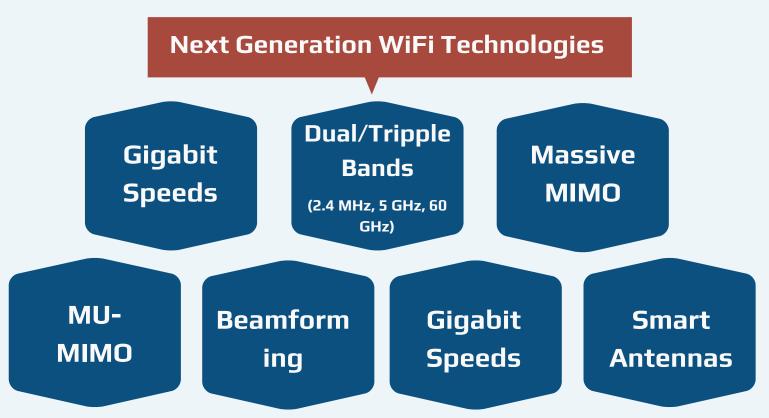
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EION BYTES

Smart Campus WiFi Coverage Solution Designed for Students to Succeed

WiFi-enabled campuses are becoming common place which allows students and teachers to wealth of access а information the over Internet. It also allows them easily collaborate each other with and automate the traditional learning methods.





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Target Locations in the University

The important locations are distributed between outdoor and indoor to cover a large percentage of the university. Typical locations are:



- Classrooms
- Sports Arena Basketball and Volly Ball Games
- Library
- Residence Halls
- Administrative and academic offices

Challenges

High-Density Location

The campus is considered to be a High-density location requires a Wi-Fi design strategy for large deployments to provide pervasive connectivity to clients when a high number of clients are expected to connect to Access Points within a small space

Security Concerns

A Wi-Fi solution for education must guarantee information security, especially that of students, staff, and the educational institution

Resource-Demanding Applications

A Wi-Fi solution for education must be capable of keeping hundreds of end devices connected simultaneously.



Challenges(cont.)

Universal Coverage

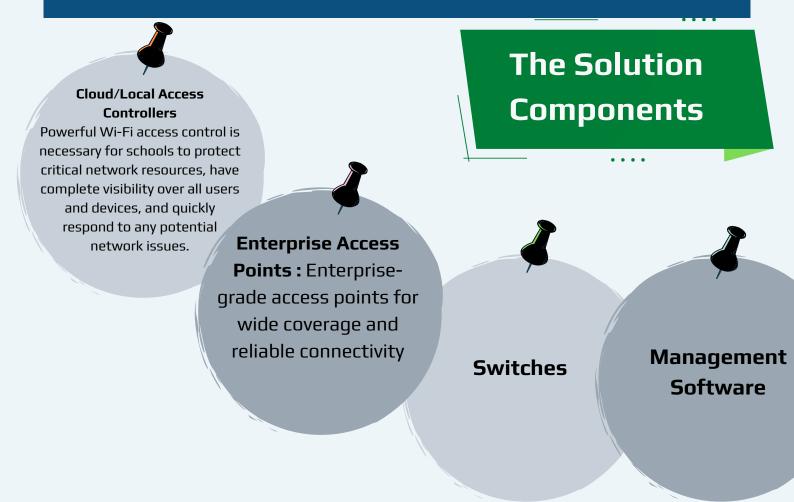
A Wi-Fi solution for education must provide reliable connectivity throughout the entire campus.

Budget Constraints

A Wi-Fi solution for education must have an optimal price-to-performance ratio to meet budgetary needs.

Supporting BYOD

Bring Your Own Device is not a new concept, however, the challenge is still the same. How do you safely manage devices you don't own?





Design Consideration

- Universities Add More APs to Increase Network Density
- Optimizing Wi-Fi Performance for High Density
- Traffic Prioritization for Reliable E-Learning
- Schedule & Role-based User Access Control

Recommended Products





EION E-Link Gateway Controller 1000



EION Enterprise E-Link Rapid 6 WiFi AP

EION PoE Switches



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