



# EDUCATION (K-12)

## The Classroom of the Future is Now

It's officially a trend: Wireless is in! Wireless is not something to think about with regards to the classroom of the future...wireless is revolutionizing the way students learn, principals monitor their schools and educators teach.

With today's budget restraints – mobility and cost-effective solutions offer increased advantages. From more productive learning environments to real-time communication, Next Level Solutions insures that effective communication and monitoring are accessed from anywhere on the school campus, enabling educators and other school staff to stay in constant contact with each other and the outside community.

Next Level Solutions is an established partner of educational facilities, from district wide deployments to single mobile classrooms in rural areas. Our track record and experience makes Next Level Solutions the only choice when considering wireless.

### Candidates For Immediate Impact:

#### Individuals

**Students:**

Cutting edge technology at their fingertips

**Principals:**

Direct access to teachers and staff

**Teachers:**

More one-on-one time with students

**Support Staff:**

Coordinate efforts to save time and steps

**School Nurse & Psychologist:**

Available immediately in crisis situations

#### Departments

**Library:**

Shared resources throughout the school

**Administration:**

Receive alerts directly from teacher & staff

**Security:**

Monitor hallways & other areas while staying in touch

**IT:**

Facilitate technology implementatives at school sites

**Facilities:**

Stay in contact with site based staff to fix problems on the spot



## Features & Benefits

### Phones: Campus Safety and Security

Wireless offers quick and effective communication in a crisis situation. Unlike the constraints of wired telephones, wireless offers educators the ability to react swiftly to urgent situations in classrooms, hallways, lunchrooms and playgrounds – without leaving students unattended. Direct, real-time communication between school staff allows for quicker responses and faster resolutions of critical situations.

- Communication access from anywhere on campus
- Immediate communication in crisis situations
- Problems are handled where and when they occur
- Quick response for medical and behavioral emergencies
- Private and secure communication
- Integration capabilities with school security systems

### Laptops: The Mobile Classroom

Through the use of wireless, students no longer are taken to the computer lab; the computer lab is brought to the students, offering a more productive learning environment. Wireless laptops allow teachers to group students in new ways in order to achieve different learning objectives. Students are able to move easily around the classroom and join other groups, creating more dynamic, interactive and age appropriate learning environments.

- Integration of course content
- Improved classroom climate
- Enriched academic programs
- Enables sharing of resources
- Facilitates group projects

### Short and Long Range Connectivity: One Contiguous Network

Within a school campus or school district there exist numerous core departments which may lie outside the reach of the existing network. Wireless is a reliable, secure and cost effective solution to bridge all the networks into one contiguous operation. At Next Level Solutions, we are proud of our associations with several point-to-point and multipoint vendors and utilize them to achieve the “best solution” for each individual client’s needs.

Some of the benefits are:

- Elimination of Leased Lines
- Link facilities many miles away
- Link buildings into single LAN
- Licensed & Unlicensed Spectrums
- No Construction cost
- Date of rate of up to 1 Gbps
- Secure & Reliable connection

### Security: Managing the Liability

Educational facilities are complex in application, population and ultimately liability for the information it possesses. Vulnerability cannot be tolerated; basic security standards are not enough. The environment associated with a school campus is especially tough due to open and idle time of students. What’s next?

Vendor agnostic security appliances are one answer. These devices sit between the wireless access points and the wired LAN, supplying encryption and more security functions:

- Access control
- Authentication
- Audit trail maintenance
- Integrity control
- BBSM
- Intrusion Detection
- Segregation of Roles

### Mobile Education (K-12)

Through the use of a wireless 802.11 compliant network, the possibilities are limitless. Wireless enables one to reach and retrieve information from peers or resources anywhere within the confines of the school campus or in many instances within the confines of the entire district. Mobility of the computer lab brought to the students and teachers or secure monitoring of the school premises ensures an efficient thriving school. Research shows that 89% of violence happens outside of the classroom (Source: MSNBC – Harris teacher poll, 1999) and that students’ learning is affected by disruptions. Next Level Solutions will work with you to identify the key topics surrounding the vision and promises of wireless. Then Next Level Solutions will analyze those key topics to provide practical solutions including access issues, integration, and the convergence of technological applications.

