



## Solution **Education**

Connect Your Entire Campus & Surrounding Community

Providing wireless Internet access to educators and students can be done simply and cost-effectively - making it easier than ever to deliver educational materials and resources right where they're needed. Firetide Instant Mesh Networks offer a fast, convenient way to create hot zones in any educational setting.

Having ready access to Internet-based educational materials and campus resources is almost as important as the subjects taught in classrooms. From providing K-12 educators with valuable learning tools, to enabling wireless connectivity anywhere across a college campus, to creating temporary labs and networks for high school projects - wireless networking is allowing educators to meet increasing demands with fewer resources.

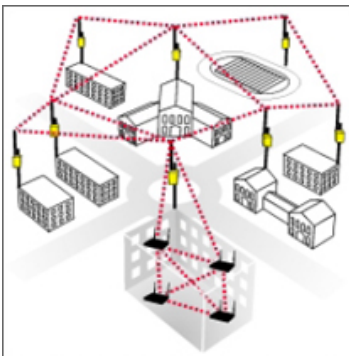
Traditionally, deploying a wireless network would require costly LAN cabling, outdoor trenching and civil engineering, and additional IT staff management resources. However, Firetide Instant Mesh Networks provide a simple and reliable alternative. Simply plugging Firetide [HotPoint™ wireless mesh routers](#) into power sources, educational institutions or districts can create a wireless mesh network and eliminate the need for traditional wired Ethernet backhaul. This flexibility makes it possible to use the Firetide wireless mesh network for more than just educational purposes - it is ideally suited for security and surveillance applications, connecting historic buildings to a campus network, and monitoring campus utilities.

### Instant Wireless Mesh Networks for your School Application

Firetide Instant Mesh Networks provide a simple and reliable alternative to trenching between buildings and costly standard LAN cabling by overcoming many of the challenges of ubiquitous connectivity on campuses and schools.

- **Campus Coverage** - extend existing networks - whether indoors or outdoors - to areas that are hard to wire, such as historic buildings, mobile research sites, and temporary portable classrooms.
- **Temporary networks** - quickly deploy and tear down networks for events, such as graduations, sporting events, and student rallies.
- **Internet access and more** - easily provide high-speed Internet access as well as connectivity for any Ethernet device - such as PCs, printers, and access points - without running miles of cabling. Firetide HotPoint wireless mesh routers are compatible with access points to enable campus-wide Wi-fi access.
- **Security and Surveillance** - a Firetide wireless mesh network is ideal for enhancing guest safety and premises surveillance. Monitor parking areas, public facilities, and walkways. Ethernet surveillance cameras can be installed where needed, connected to a HotPoint wireless mesh router, and real-time feeds delivered to a central monitoring area over the Firetide broadband network.

### Firetide Advantages



*A Firetide Instant Mesh Network forms in seconds, providing campus-wide wireless coverage including areas that are difficult to wire such as old historic buildings, portable classrooms and outdoor spaces.*

- Fast and non-invasive network deployment. Simply plugging HotPoint wireless mesh routers into power sources, you can install a network while preserving existing structures, especially historic venues. There is no need to open ceilings or walls, dig trenches, or deface historic venues. The network completely adapts to your school's needs, not the other way around.
- Substantially lower deployment costs because Firetide wireless mesh networks eliminate the need to pull cable or trench across your campus.
- Networks and networked resources can be extended to places where conventional network wire cannot be cost-effectively installed.
- Data transport is secured across the mesh using industry-standard, strong encryption methods.
- Firetide wireless mesh networks completely integrate with third-party network management and security solutions, such as those available from Nomadix, Cranite, Airpath, BlueSocket and Pronto.