

APPLICATION NOTE

LAST MILE ACCESS



Better School Connectivity Using Broadband Wireless

The challenge:

As we enter the “Digital Age,” not only is Internet access from every school a social imperative, it’s a Federal mandate so that “no child left behind” can become a reality. Children benefit from the wealth of online data and worldwide communication, and school administrators benefit from sharing both student record information and educational materials with other schools in the district or state. Unfortunately, school budgets are at an all-time low because of economic conditions. Leasing lines to connect many schools to district centers is cost-prohibitive, yet connectivity is a clear mandate.

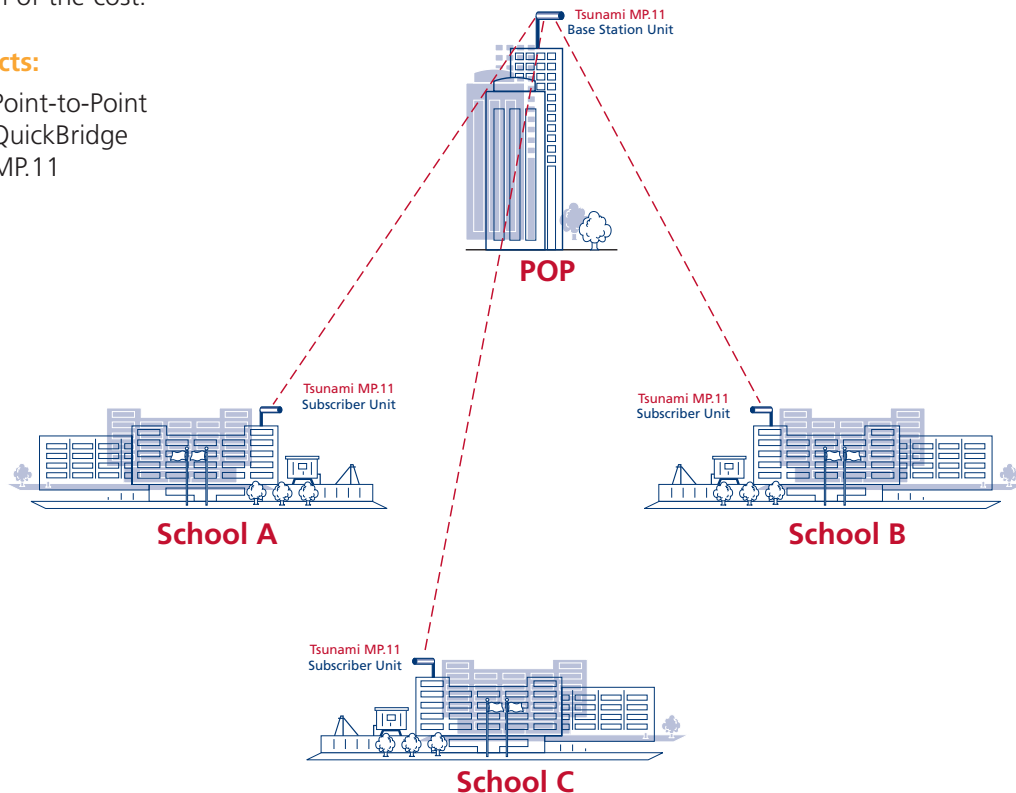
The solution:

By using broadband wireless solutions, Internet Service Providers can offer schools an elegant, affordable alternative to leased lines. Service providers in the U.S. may also qualify for additional discounts when offering services to schools. A wireless link (or leased line) can bring in broadband access to a single, central site. Then wireless bridges allow other schools to connect back to a main site and out to the Internet. This meets the need for Internet connectivity without the barrier of high cost.

As an added benefit, schools can use the wireless link to share other resources, stretching them further. Educational tools such as digital media can be purchased once and accessed at a central location by other schools – reducing media costs while enriching student learning. Similarly, a PBX at every school would be very expensive, but a PBX at a district site shared over a wireless link to remote schools allows the same functionality at a fraction of the cost.

The products:

- Tsunami Point-to-Point
- Tsunami QuickBridge
- Tsunami MP.11



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