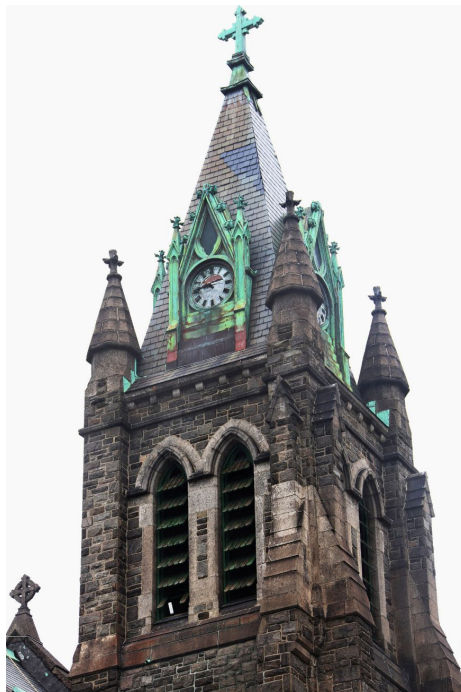


Community WiFi

NYC Mesh is a community wifi organization. We are helping to bring free wifi to all areas of New York State. To reach our goal we need to install our small routers in tall structures in each neighborhood. Often the tallest structure is a church, and all over the world churches have been helping these community networks.

Churches can help the neighborhood by giving internet access to those without access. It also gives alternative wifi access to the church. Because the network is self sufficient, it can help during emergencies when other systems fail. A community wifi mesh network in Brooklyn remained working during Hurricane Sandy while all other internet access failed.

The Red Hook area of Brooklyn relies on small routers installed in a church tower. It is described here in an article in the New York Times-



A node in the bell tower of Visitation of the Blessed Virgin Mary Roman Catholic Church (left window at bottom).
Chang W. Lee/The New York Times

A crucial point in the Red Hook [wifi] mesh is Visitation of the Blessed Virgin Mary Roman Catholic Church — particularly its bell tower, which looms over the neighborhood and Coffey Park below it. The church, which is more than 150 years old and began by serving Irish and Italian dockworkers, has three mesh nodes, two high up, and one inside for internal use.

That internal node has helped the church play videos during its religious education classes and host a radio station that broadcasts its Sunday Mass, said Robert Berrios, the sacristan of the church, who has lived in Red Hook for 45 years.

By NOAM COHENAUG. 22, 2014 New York Times

The self-contained weatherproof routers are less than 1 foot long and a few inches wide. They require one cable to a power adapter. The routers are very reliable, will run for years without maintenance and only use 5 Watts of power each, totalling about \$3 per month of electricity usage. Our experienced team can install the routers in a couple of hours and also help you with other technical problems. Please contact us so we can work on this together. Thanks!

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