

Network Redundancy and Disaster Recovery

The challenge:

Since 2001, the importance of network contingency planning has unfortunately become more of a reality. When disaster strikes – be it natural disaster or terrorism – networks can be the link that facilitates both human and economic recovery. Medical resources need to be quickly, efficiently deployed to the correct areas; donations and supplies must be delivered to those in need; and commerce should resume normalcy to prevent further hardship. In disaster circumstances, hard-wired networks are fragile. Detecting and fixing breaks in the line may require getting into flooded or dangerous areas. Network redundancy may prevent some outages, but if the wires are co-located, both may be disabled by the same circumstance.

The solution:

Wireless solutions are the perfect technology for network contingency planning. Not only are wireless networks cost-effective, they offer a safer alternative to redundant buried lines. By diversifying the redundant link, the chances of a single event affecting both is decreased. In the event both the wireless and wired network are disabled, re-establishing wireless connectivity can be accomplished in minutes – as opposed to the days or weeks it could take to repair or replace wire lines. By placing a new wireless unit on or near of an affected building, a breach can be remedied immediately.

The products:

- Tsunami QuickBridge
- Tsunami Point-to-Point

