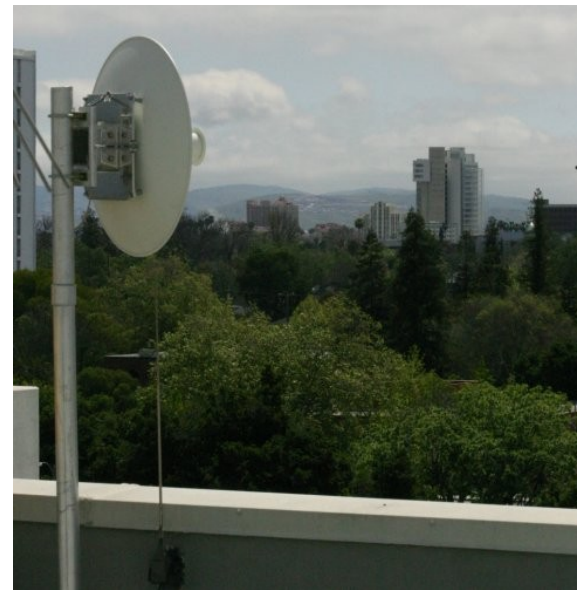


SVWUX Emergency Services Network Project



Presentation by Ian Klufft
at SBAY Pizza #152
May 20, 2006
San Jose, California

Test Link from SJ EOC to SVWUX Repeater

- SVWUX WiFi repeater is an access point without landline Internet located in the Los Gatos Hills
- April 29: test WiFi link from City of San Jose Emergency Operations Center to SVWUX repeater – 10 miles distance
- Radio signals clearly received but network parameters needed to be updated to permit a link longer than 5 miles

Adding to the existing Emergency Services Network

- City of San Jose already has an agreement with SCCARA to operate an amateur radio repeater for the city to use during a declared emergency
- SCCARA uses the repeater when there is no emergency – it keeps people watching the equipment so it's known to be working when needed
- We're considering the same arrangement for a network that SVWUX will construct and operate

SVWUX Repeater sites

- Current we only have the Los Gatos site
- City of San Jose can help with
 - SJ EOC
 - Fire Battalion Stations
 - Hams there know hilltop contacts in Evergreen
- City of Milpitas can help with
 - Crowne Plaza Hotel
 - Monument Peak

Residential Connections

- Participants can set up dishes from their homes
- Current residential sites named for the neighborhood they're in:
 - “Steinway” site: Brian Litzinger, Campbell
 - “Linda” site: Tim Utschig, Campbell
- Lifting the 5-mile limit should bring in more who have been trying from the east side of the valley

In case of emergency...

- To get this privilege, we need to help provide bandwidth during a declared emergency
- We also intend to do the same during drills
- The Radio Amateur Civil Emergency Services organizations where members have expressed interest so far are:
 - San Jose
 - Milpitas

How to Join

- Join the SVWUX mail list and express interest
<http://www.svwux.org/mailman/listinfo/svwux>
- Attend an SVWUX meeting
1st Thursdays of the month in Campbell
<http://www.svwux.org/>