San Francisco Wireless Emergency Mesh

DISASTER INTERNET

The San Francisco Wireless Emergency Mesh (**SFWEM**) is a volunteer-led project to install resilient high-speed wireless connectivity throughout San Francisco for use during disasters and emergencies. Daily, we use high-speed networks to read the latest news and communicate with family and friends. This does not change during a disaster or emergency; we need to know when the danger is gone, and we need to let our friends & family know that we're safe and well. Recent wild-fires, hurricanes and public-safety power outages have reiterated this need.

Using inexpensive Commercial Off The Shelf (COTS) consumer WiFi equipment, running special software, you too can connect to this network. We need volunteers with rooftop or other high elevation site access to extend the network. For less than $80 you can be up & running!

To get started, please scan the QR Code below, or visit **www.sfwem.net/start**. There you will find a site map & instructions.

Requirements:
- An FCC Amateur (Ham) Radio License [Part 97]
- Compatible equipment (Ubiquiti, MikroTik, TP-Link, GL.iNET)
- AREDN Firmware (**www.arednmesh.org**)
- Access to a roof or other high-site
- Line-of-sight to an existing node

Users:
- Individuals & Families
- Disaster Relief Organizations
- Non-profits & NGOs
- Government Emergency Response Organizations (Police, Fire, EMS, EM)

Applications:
- Real-time video cameras for remotely assessing situations
- Voice-over-IP for real-time telephony-like calls
- Chat & Multimedia messaging
- File & Document Sharing

For more information on the San Francisco Wireless Emergency Mesh (SFWEM),
please visit **www.sfwem.net** or email **sfwem@undef.net**
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