

WHAT IS AREDN?

An Amateur Radio Emergency Data Network (AREDN) is a high speed data network built with Amateur Radio Operators and Emergency Communications Infrastructure in mind. It's a self-configuring and self-healing.

arednmesh.org



Interested?

We are individual amateurs working together to connect the Willamette Valley. Anyone can program a radio and join us. Non-commercial and non-Internet connected Part 97 use.

View the Live Mesh Map here:
<https://willamettevalleymesh.net/meshmap/>

Join our user group
Mesh Net on 145.29 every Thursday at 7 PM
<https://groups.io/g/WVMN>



Provide our community high speed emergency communications using a wireless local area network based on the AREDN amateur radio mesh protocol.

Combine Mobile Ad Hoc Networking with home and tower based stations to achieve connections among amateur radio operators, served emergency response agencies and community partners.

Provide rapid transfer of forms, email and imaging to improve situational awareness and resource allocation.



KG7GDB at Chehalem Ridge mesh site.

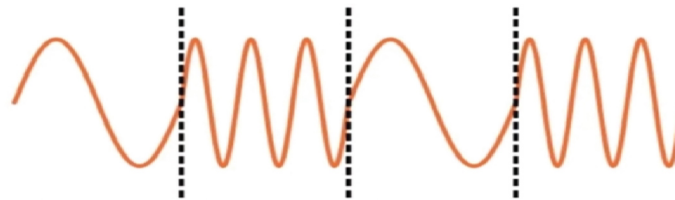
Overview

The mesh network provides a local TCP/IP network for all connected users. It is like a highway leading around the region.

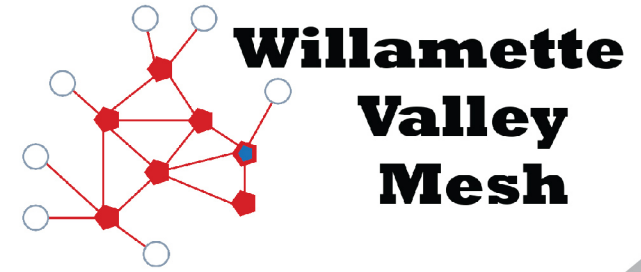
Services are like the places you visit and allow you to do useful things which support emergency communications: file transfer and document storage, chat, telephony, network monitoring, mapping, and situational awareness.

For more info please visit our website at:
<https://willamettevalleymesh.net/>

Our friends:



APRS, Packet, and Mesh Networking for Ham Radio
<https://groups.io/g/packethackers>



Network Stats: (as of 10/15/2021)
Nodes: 173 | Devices: 329 | RF Miles: 500+