

Mesh Infrastructure Site Types

InterMAN – Inter Metropolitan Area Network

- Connect IntraMAN sites together, long range repeater site
- Multi Point to point nodes
- Connect IntraMANs
 - Sacramento – San Francisco
 - San Francisco – East Bay
 - San Diego – LA area
- Bands – 900, 2.4, 3.4, 5.8

IntraMAN – Intra Metropolitan Area Network

- Connect Local sites together
- Group of point to point nodes and sector nodes
- Cluster of high level sites within a geographical area
 - Sacramento including West Sac, Roseville, Folsom
 - San Joaquin Valley
 - Los Angeles area
 - San Francisco area
 - Group of rural towns
- Bands – 900, 2.4, 3.4, 5.8

Local – Local Mid-level or Mid-mile

- Connect EndNodes to IntraMAN
- Group of point to point nodes and sector nodes
- Single site serving a small geographical area
 - Downtown Sacramento
 - East Sacramento
 - Orangevale/East Citrus Heights
 - Rocklin
- Bands – 900, 2.4, 3.4, 5.8

Endnode – End User

- Connect users and servers to upper level sites
- 1 or 2 limited sector nodes
- Single site serving one person or organization
 - Ham
 - Ham radio club
 - Emergency Operations Center (EOC)
 - Event site
- Bands – usually 2.4, or 5.8
- Endnodes can be fixed (QTH, etc), mobile (in vehicle), or remote (temporary fixed site)

A single site could serve at any or all of the levels listed above.