MULTI POINT CONFIGURATION

For connecting more than two radio wireless networks with each other, you can use Multi Point Configuration. In this configuration you need ROIP at each location connected with the base station and having Internet Connectivity. Also an additional Computer will be required at any one location having Internet (with Static IP Address, ROIP don’t require Static IP Address in this configuration). A customized ROIP Server Console Software will be required and will be installed on the Computer. All the ROIPs will be connected to this Computer. Whenever any handset transmits, Server Console will receive that audio and will transmit to all the other ROIPs as per the configuration done in the Server Console. Thus you can connect all the locations or only few locations at a time together over the IP. The schematic diagram of Multi Point Configuration is shown below:
ROIP Server Console Software
Features and Specifications

Software Features

- Multi ROIP (users) Connectivity.
- Different User Grouping Facility.
- Live Monitoring of user communication at console.
- Live Status Indication of all users.
- Individual/ group/ broadcast communication with users from console.
- Online Call forwarding to other user by Operator
- Console Configurable User Call Group.
- RSSI Level Indicator
- Remote Channel Changing
- Event Logging.

Specifications

Network Requirements

- Device Payload: 1kbps idle, 64kbps active per user
- Network Loading: Minimum 128kbps Network Bandwidth per user
- Packet Loss: <1%
- Packet Delay: <400ms
- Network Type: Fully switched Ethernet, full duplex.

Other Features

- Wide Area Network Connectivity.
- Auto-Connection on link or power reset.
- User Programmable IP Configuration.
- Flexible Port Address Configurability.
- Secured Communication by using Authentication Packets.
- Connection between Static IP Network and a Static/Dynamic IP Network.
- Audio Communication Recording (Optional)

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