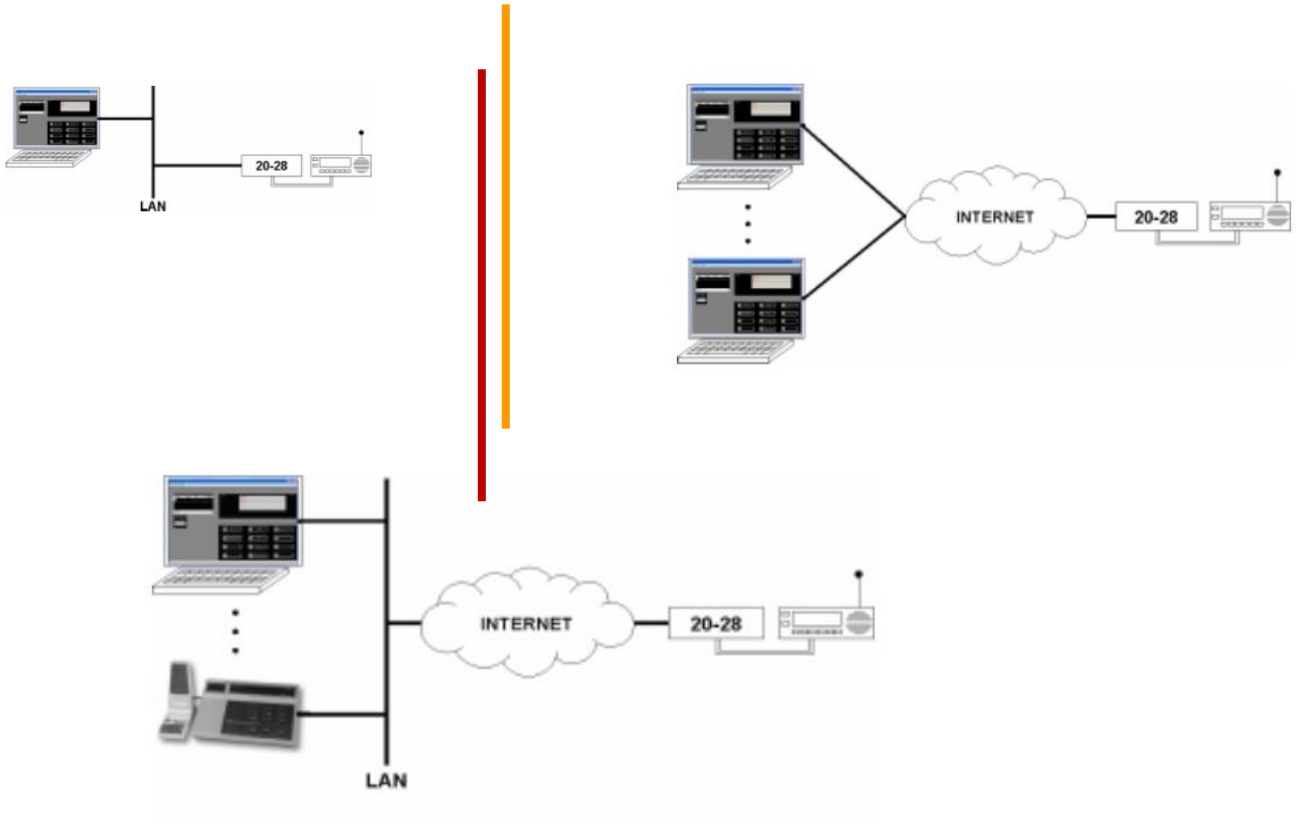
IDA CORPORATION

VoIP Remote Radio Application Product Profile



The Way for 2-Way

www.idaco.com

http://www.youtube.com/watch?v=nO3BYyeGcJM

RRA Product Profile

The Remote Radio Application is industry leading soft remote technology offering from IDA. RRA software application uses VOICE over IP technology and your PC / desktop / laptop to provide Remote Control of your base station radio. Building on IDA Corporation proven leadership in base radio remote control products for the Land Mobile Radio industry, the RRA VoIP Radio Remote software allows REMOTE CONTROL via an Ethernet LAN or internet. The internet can be comprised of one or more Ethernet LANs, WANs, or the World Wide Web implementations.

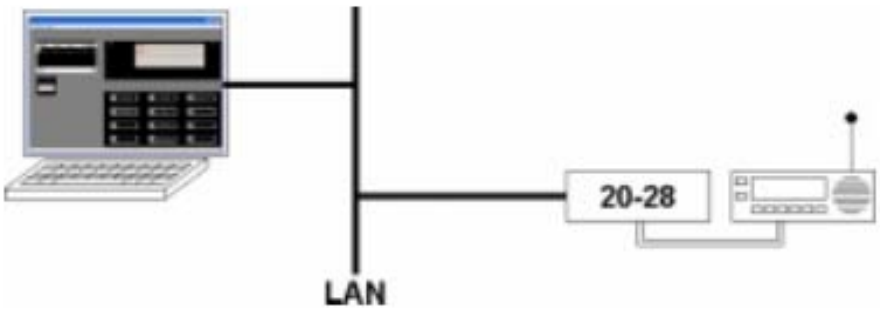
Running on a simple PC with a standard microphone and sound card, the RRA software offers synonymous feature set as that of IDA's MODEL 24-66 VOIP Desktop Remote Controller. Installation of RRA requires use of the IDA's Model 20-28 VOIP Termination Panel as the interface at the remotely located base station radio.

OVERVIEW

The basic function of voice over IP (VOIP) radio control system is to allow a private mobile radio base station to be controlled from a remote location. The system consists of a base station radio, a termination panel and a remote control device. The remote control device could be a desktop controller, a communications console or in this case a PC running the RRA VoIP Radio Remote Application. The termination panel connects to the base station radio and provides direct control of the radio based upon control signals from the PC. The termination panel also has access to the base station radio's receive and transmit audio which is passed to and from the PC with RRA. The termination panel and the PC are connected by means of an IP network. This system allows the user at the PC to change the current radio channel and select other radio functions in much the same way as can be done directly at the radio. The user at the PC can also carry on voice conversations with mobile radio users through the base station radio.

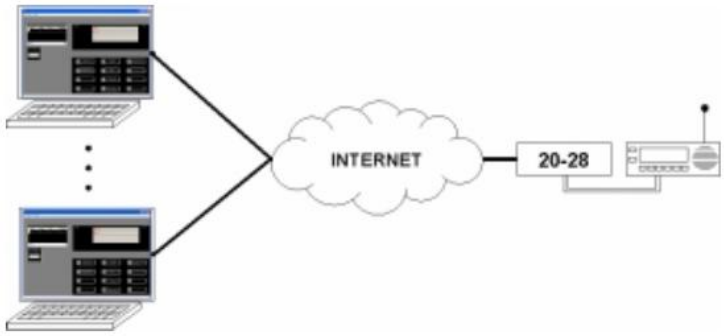
BASIC SYSTEM

The Basic System configuration involves connecting the termination panel and the PC through an Ethernet LAN.



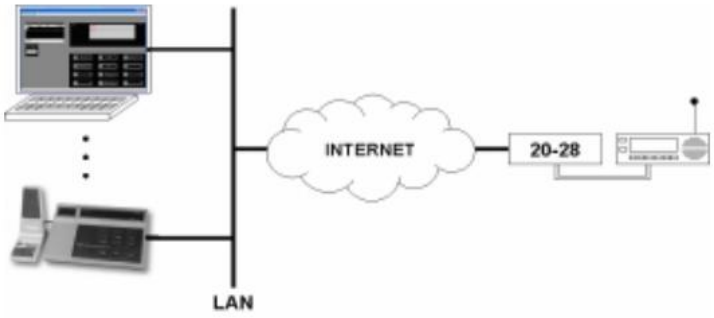
EXTENDED SYSTEM

Under Extended System, the configuration involves connecting multiple PCs with RRA software applications connected to the panel across an internet creating multiple remote control points or workstations. The internet can be comprised of one or more Ethernet LANs, WANs, or the Internet.



MIXED REMOTE CONTROL DEVICES

Certain implementations may require both MODEL 24-66 VOIP Desktop Remote Controllers and PCs with RRA software as part of the same VOIP radio remote system. One such mixed or hybrid configuration with MODEL 24-66 VoIP Remote alongwith a PC with preloaded RRA application is shown below.



VOIP Termination Panel – Model # 20-28

Designed for use with the VOIP RRA software and/or the MODEL 24-66 VOIP desktop controller the MODEL 20-28 VOIP Termination Panel interfaces with remotely located base station radios or repeaters. Based on proper control signals received the MODEL 20-28 VOIP directly controls the radio by either binary or serial control.

Local Option

For installations requiring local operation of the base station radio, MODEL 20-28 VOIP with desk microphone, speaker jack and volume control is also available (Option RTM-604).

IDA CORPORATION

Conventional 2-way Radio ○ Digital 2-Way Radio ○ AVL Solution ○ Custom Solution

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