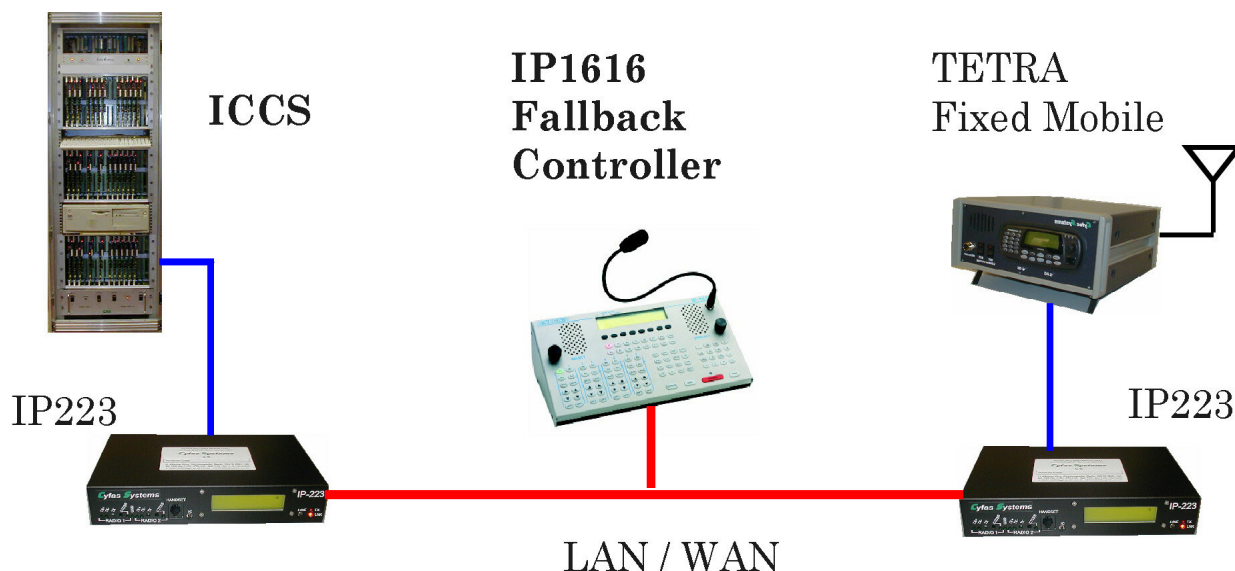




Tetra System Fallback Control With Radio Over IP

Shown below, a legacy radio switch or “ICCS” is connected to a Cyfas IP-223. The IP-223 in this mode is decoding the analog E&M or tone signals and translating them to IP traffic. The IP-223 on the right side is accessed via the network and is regenerating the signals into the Tetra radio. This mode allows for use of existing equipment while providing a migration path to full IP based radio control. The Cyfas IP1616 push button console as shown center, or a C-Soft screen based controller can also be placed on the LAN/WAN to control and monitor communications. A full range of desk top dispatch controllers provide access from 2 to 150 remote radio sites all connected over your existing TCP/IP LAN or WAN. Even the configuration and settings can be remotely changed using a simple Web browser. You can position radios and controllers at any point where you have network access making deployment straight forward and not reliant on dial-up or analogue leased lines. Cyfas have been providing fallback equipment for many years and now bring this experience to support the latest in IP connected systems.



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