We can upgrade your existing TV system into a modern delivery platform

MDM Healthcare is a complete solutions provider of patient-focused equipment and network services for hospitals and healthcare facilities of all sizes. Since 1990, we’ve provided industry-leading customer service, professional project management, and the latest technology available for healthcare customers throughout the U.S. Our commitment to providing complete solutions has led to partnerships with professional solution providers, including Z-Band, to offer the industry’s most advanced healthcare television RF Video distribution systems.
Z-Band manufactures and sells an “electronic box” and a companion device which together make up Z-Band’s state-of-the-art, RF Video Distribution System. The System is composed of an active video hub, the “GigaBUD” and an remotely powered balun, the “GigaBOB”. The two units work in conjunction with one another to amplify, split, and condition the RF signal from a satellite, cable TV provider, or internally generated video source, and distributes the signal to televisions, video walls or monitors.

Unlike an IPTV system, the Z-Band RF Video Distribution System is not incorporated into the enterprise’s server/switch and because it passes an RF signal, the system does not impact the network bandwidth in a facility. The TV signals are distributed on a Category 5e or better cabling infrastructure that adheres to the “568” international wiring standard.

The Value of a Z-Band Television Distribution System

Network cable is less expensive per foot than coax

Equipment utilizes rack space instead of wall space
– no more plywood backboards

Only two pieces of Z-Band equipment are needed; a video hub and a balun

Only one signal level to set and monitor
– no more RF engineering support

Less time spent on installing TVs
– no more taps and splits with coax. It is all done electronically from the technology closet

Adding additional TVs is simple
– plugging a cat jumper cable from the video hub to a patch panel and adding a balun at the new TV location

No more intermediate technology to monitor and replace

Built in fiber receiver option saves 1 U of rack space when utilizing a fiber backbone

Eliminates the need to keep balancing the distribution amplifiers